Lancaster Farming

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Faith And Farming Speaker Says Ag Looks Better In 90s; Church Needs To Respond To Replanted Farmers Now

Editor's Note:
As reported last week, the Mennonite church held a special seminar in interest of the current agricultural, financial and farm family displacement problem. Held at the Laurelville Mennonite Church Center in western Pennsylvania, the seminar was titled Faith and Farming III. Howard Brenneman, former President of the Hesston Corporation, was a keynote speaker.

In part one of the two-part series, Brenneman outlines his thoughts on where agriculture has come from and why the present crisis exists. Next week in part two we'll report Brenneman's ideas on where agriculture is going and his answer to some of the needs of the inevitable displacement of families off the farm.

Here's Part I of "The Renaissance of North American Agriculture." Keynote address by Howard Brenneman.

I have a view of agriculture that really the crisis is an individual crisis. The crisis is real. The crisis is there. But the crisis occurred some time ago. I'm going to try to explain to you what has heppened and what is happening and where we're at in agriculture. By doing that I don't want to infer to anybody that there are not real hurts out there in agriculture. There are tremendous hurts. I don't want to infer to anybody that there is not real human tragedy out there because there is tremendous tragedy out there. Certainly I have had my experience with it too in Hesston Corporation and many people we had to lay off and what we went through. But I also think there is a great future out there for agriculture around the world and for you people in this room if you'll only take a look at it in a little different way.

Now crisis to me means that it's temporary. If we just wait a little bit, if we just watch a little bit, if we just do a few things, it'll pass by. Because most crises are temporary in nature. That's why I refer to this as the renaissance of North American agriculture. Believe me this is not momentary and it's not going to go away. This is what I call the renaissance after the dark ages. The dark ages of agriculture to me in North America were really the 70s. Let me explain by going back in history. Then I'm going into the future of agriculture and try to explain to you where I'm coming from. Hopefully we'll stir up a lot of debate, a lot of ideas and a lot of discussion about where we are in

(Turn to Page A27)

Farmland Preservation Breakfast

The second annual holiday season breakfast buffet, to benefit the preservation of Lancaster County farmland, will be served on Sunday, December 14, 1986 from 8 A.M. to 1 P.M. at the Family Style Restaurant, 2323 Lincoln Highway East, 4½ miles east of Lancaster. For only $4.00 per person ($2.00 children ages 3-9), the public may enjoy a hearty all-you-can-eat breakfast of pancakes, eggs, french toast, sausage, home fries, pastry, and beverages in an informal family-style setting.

The Skiadis family, owners of the restaurant, have secured donations of the breakfast foods from area suppliers. The Skiadis family is generously donating their facility and staff time, and all proceeds of the meal will go to the Lancaster County Agricultural Land Preservation Fund.

Make your contribution to preserving Lancaster County's unique farmland resources and enjoy a hearty meal by attending the Farmland Preservation Breakfast!

Givler Wraps Up Vo-ag, FFA Career After Years Of Service

BY SUZANNE KEENE

RONKS — When Henry Givler began teaching vocational agriculture in 1952, almost all of his students were planning careers in production agriculture.

But as he prepares to retire after 34 years of teaching and advising, Givler sees vo-ag students heading in a myriad of directions. Today, Givler says, many are "not necessarily preparing to return to the farm, but to work in related occupations."

Searching his memory, Givler recites a list of well-known Lancaster County agribusinessmen he taught and advised in high school, noting, "I could go on naming many that are in different businesses related to ag."

First as a vocational agriculture instructor and later as regional agriculture education advisor,

Henry Givler

(Turn to Page A21)

Pa. DHIA Leaders Named

UNIVERSITY PARK — Production leaders for the Pennsylvania Dairy Herd Improvement Association were recently released by state DHIA office.

Leading all herds on test for milk and protein production was the Laural Valley Dairy owned by Brad Smith of Jefferson County. He averaged 25,939 pounds of milk, 940 pounds of fat and 832 pounds of protein on 34 Holsteins. This herd average qualified Smith for the second place ranking in fat production.

Melwood Farm from Chester County claimed the second high herd distinction in milk and protein. Owned by Melvin Stoltzfus, the herd traded places with Smith for the top position in fat production. Stoltzfus maintained a herd average of 24,831 pounds of milk, 973 pounds of fat and 805 pounds of protein on 36 cows during the 1985-1986 testing year.

The title of third high herd for milk and protein in the state went to Shoch Manor Farms. This Northumberland Holstein herd averaged 24,454 pounds of milk, 828

(Turn to Page A29)

Higher Prices Predicted

Tobacco Auction Season Off To Slow Start

BY JACK HUBLEY

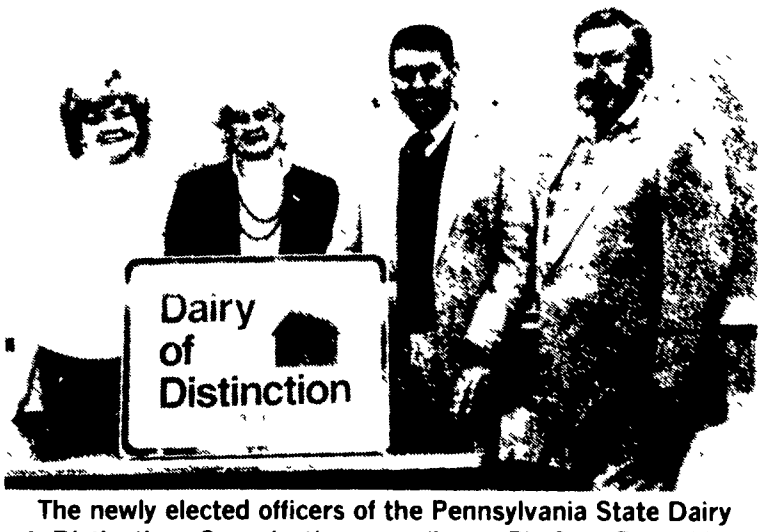
Business smoldered but failed to catch fire this week, as tobacco growers and buyers came together for the opening of Lancaster County's second auction season.

Last year Pennsylvania growers marketed 3.5 million pounds of Type 609 cigarette tobacco at an average price of $1.15 a pound through the newly organized Pennsylvania Tobacco Auction headquartered in Intercourse. Another 1.7 million pounds of Type 41 tobacco averaged 52 cents a pound.

This season finds four auction houses vying for the county's 20 million pounds of tobacco. PTA, the original auction company, is selling tobacco at its Intercourse warehouse, as well as at a second location in Quarryvile. Tobacco is

(Turn to Page A32)

Auctioneer Mitch Ashby coaxes bids from buyers at Paradise Tobacco Sales on Thursday. Low tobacco demand and tobacco quality problems resulted in prices well below last year's levels.



The newly elected officers of the Pennsylvania State Dairy of Distinction Organization are (L to R) Sue Reynolds, executive secretary; Naomi Spahr, treasurer; Everett Newswanger, president; Daniel Baker, Sr., vice president.

Dairy Distinction Program Gears Up For Spring Awards

STATE COLLEGE, Pa — The northeast Dairy of Distinction program began to gear up here this week to make the first selections of

Dairy Of Distinction Says This Is Where Milk Comes From -- See Editorial Page 10A.

beautiful dairy farms across the state in May of 1987. Stephen Spencer, Pennsylvania State University dairy science department, said that with the districts in place and people working to put together committees in each local unit, we will be able to honor a group of dairy farmers in time for the spring promotional programs.

Sue Reynolds, executive secretary who has been active in the ongoing Dairy of Distinction program in New York state, has been selected to handle the day-to-

(Turn to Page A25)

Livestock market and auction news

Lancaster Market

Monday, Dec. 8
Report Supplied by USDA

	Cattle	Calves	Hogs	Sheep	Goats
Monday's Receipts	1123	127	543	629	426
Monday's Auction	1204	164	507	624	520
Last Monday's Auction	957	125	606	219	284
Last Year's Auction	1121	168	772	369	260

CATTLE: Compared to last Thursday slaughter steers steady to 1.00 lower; slaughter heifers fully steady; cows 50-1.00 higher; bullocks steady; bulls fully steady. Supply included 56% slaughter steers, 15% slaughter heifers, 19% cows with the balance bulls.

SLAUGHTER STEERS: Choice 2-3, few 4 1100-1425 lb. 62.75-64.25, few 64.25-64.75; few Choice 2 1150-1225 lb. 65.00-67.00; high Good and low Choice 2-3 1000-1400 lb. 58.75 62.75; Good 2-3 1000-1350 lb. 54.75-59.75; Good and Choice 1200-1485 lb. Holsteins 48.75-54.00, Standard and low Good 1100-1450 lb. 44.00-48.00.

SLAUGHTER HEIFERS: Choice 2-3 900-1225 lb. 55.50-59.85, few Choice 2 61.00-63.00; Good 2-3 900-1150 lb. 52.00-55.50.

COWS: Breaking Utility and Commercial 2-4 37.50-40.25, several 40.75-42.00; Cutter and boning Utility 1-3 36.00-39.00, few 39.00-40.00; Canner and low Cutter 33.50-36.00.

BULLOCKS: Choice 1-3 1150-1325 lb. 50.50-55.00, couple 55.50-60.00; Good 1-2 900-1200 lb. 45.00-49.50.

BULLS: Yield grade 1 1325-1950 lb. 48.50-51.50, few 53.00-56.00; yield grade 2 1050-1550 lb. 44.00-48.00, few 950-1050 lb. 42.50-45.00.

VEAL CALVES: Vealers mostly steady; slaughter calves fully steady. Demand Good for Holstein bulls to return to farm.

VEALERS: Few high Choice and Prime 250-350 lb. 95.00-110.00; Choice 160-325 lb. 78.00-90.00; high Good and low Choice 140-320 lb. 65.00-80.00, 120-140 lb. 45.00-60.00, 80-110 lb. 35.00-45.00.

SLAUGHTER CALVES: Good and Choice 250-450 lb. 45.00-55.00, few Choice 55.00-60.00.

RETURNED TO FARM: Bulk 95-125 lb. Holstein bulls 75.00-90.00, few small frame 90-110 lb. 60.00-75.00.

SHEEP: Wooled lambs 1.00-2.00 higher, supply included several new crop lambs weighing from 25-80 lb; slaughter ewes steady.

WOOLED LAMBS: High Choice and Prime 80-110 lb. 69.00-72.00; Choice 75-105 lb. 64.00-70.00; few Good 65-90 lb. 62.00-65.00; Choice 25-50 lb. new crop lambs 130.00-165.00, 50-70 lb. 90.00-135.00, 70-80 lb. 70.00-90.00.

SLAUGHTER EWES: Utility and Good 25.00-35.00.

GOATS: All goats sold by the head, Large mature 50.00-65.00, few 65.00-70.00; Medium 35.00-50.00; Good and Choice kids 30.00-40.00, Plain 15.00-30.00.

Vintage Cattle

Tuesday, Dec. 9
Report Supplied by USDA

	Cattle	Calves	Sheep	Goats
Today	1182	995	10	8
Last Tues.	824	1016	10	1
Last Year	936	995	8	4

CATTLE: Compared to Monday slaughter steers 2.00-3.00 lower, with some late sales 4.00 lower; cows 1.00-2.00 lower; slaughter heifers and bulls not fully tested. Supply included 50% slaughter steers and 45% cows.

SLAUGHTER STEERS: Few head high Choice and Prime 2-3 1200-1350 lb. 67.25-68.60; several Choice 2 1150-1325 lb. 64.00-67.00; Choice 2-4 1090-1460 lb. 59.75-62.50, few 62.50-64.00, several late sales mostly 3 few 4 58.50-59.75; high Good and low Choice 2-3 1050-1425 lb. 57.75-60.75; few Good 2-3 55.00-58.00; Good and Choice 1320-1725 lb. Holsteins 46.00-49.25.

SLAUGHTER HEIFERS: Couple Choice 2-3 970-1320 lb. 53.00-54.00.

COWS: Breaking Utility and Commercial 2-4 36.00-39.25; Commercial 3-4 34.00-36.50; Cutter and Boning Utility 1-3 34.00-38.50, few 38.50-40.50, couple high dressing 42.00-43.00; Canner and low Cutter 32.00-34.75, few 30.75-32.00.

BULLS: Yield grade 1-2 1315-2210 lb. 44.50-47.50.

VEAL CALVES: Vealers steady, instances 5.00 higher on high Good and low Choice 80-110 lb. Supply included 674 in graded sale of which 72% sold to return to farm.

VEALERS: Choice 170-365 lb. 74.00-80.00; high Good and low Choice 140-300 lb. 59.00-72.00; 110-140 lb. 48.00-60.00, 80-110 lb. 39.00-45.00, 70-80 lb. 34.00-37.00; few Standard 65-85 lb. 30.00-37.00.

RETURNED TO FARM: 300 head 90-125 lb. Holstein bulls 91.00-99.00; 125 head small frame 100-115 lb. 75.00-85.00 and 20 head 90-95 lb. 48.00. 50 head 100-120 lb. Holstein heifers 52.00-60.00 and 30 head small frame 90-105 lb. 47.00-48.00.

SHEEP: Insufficient volume to test trends; few low Choice 60-85 lb. wooled lambs 55.00-60.00, and few Utility slaughter ewes 20.00-28.00.

GOATS: All goats sold by the head; Medium 34.00-40.00; couple Large mature 50.00-53.00.

Lancaster Auction

Wednesday, Dec. 10
Report Supplied by USDA

	Cattle	Calves	Hogs	Sheep	Goats
Wednesday's Receipts	345	12	521	79	5
Wednesday's Auction	123	12	496	0	0
Last Wed.'s Auction	139	1	435	0	0
Last Year's Auction	211	20	692	0	0

CATTLE: Insufficient volume to fully test trends; small supply slaughter steers & cows about steady with Tuesday's decline.

SLAUGHTER STEERS: Few Choice 3 1150-1250 lb. 59.00-60.50; high Good and low Choice 2-3 1100-1300 lb. 56.75-59.00.

SLAUGHTER HEIFERS: Few head Good to low Choice 2-3 1050-1210 lb. 53.50-54.25.

COWS: Breaking Utility and Commercial 2-4 37.00-39.50; Cutter and Boning Utility 1-3 34.50-38.00; Canner and low Cutter 31.75-33.50.

VEAL CALVES: No market test.

SHEEP: No market test.

GOATS: No market test.

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New Holland Livestock

New Holland, Pa.
Thursday, Dec. 11

	Cattle	Calves	Sheep	Goats
Today	1026	691	130	45
Last Week	1077	767	101	21
Last Year	925	680	136	29

CATTLE: Compared to Tuesday slaughter steers .50-1.00 higher; slaughter heifers fully steady; cows mostly steady, instances 1.00 lower on canner and low cutter; bullocks and bulls steady. Supply included 39 percent slaughter steers and 47 percent cows.

SLAUGHTER STEERS: Choice 2-3, few 4 1100-1400 lb. 59.75-62.75, choice 2 1175-1350 lb. 63.00-65.75, couple 66.25-67.00; couple lots high choice and prime 3-4 1400-1570 lb. 61.75-62.85; high good and low choice 2-3 1050-1375 lb. 57.75-60.75; few good 2-3 1000-1275 lb. 54.00-58.00; few good to low choice 1275-1440 lb. holsteins 45.00-47.75, few standard 1130-1270 lb. 41.00-42.75.

SLAUGHTER HEIFERS: Choice 2-3, few 4 1050-1325 lb. 55.75-61.25, few choice 2-3 975-1000 lb. 51.85-53.85.

COWS: Breaking Utility and commercial 2-4 35.75-39.75; commercial 3-4 33.50-36.00; cutter and boning utility 1-3 34.00-38.00, few 38.00-39.50; canner and low cutter 31.50-34.75, several 30.00-31.50.

BULLOCKS: Choice 1-3 1100-1550 lb. 50.50-52.00, couple 52.50-54.00; good 1-2 1000-1325 lb. 46.00-49.75.

BULLS: Yield grade 1 1200-1950 lb. 48.00-50.00, couple 50.00-52.00; yield grade 2 1050-1450 lb. 44.50-48.00, few 950-1050 lb. 41.00-44.50.

VEAL CALVES: Vealers steady; slaughter calves steady to 5.00 lower. Demand good for holstein bulls to return to farm.

VEALERS: High choice and prime 240-360 lb. 94.00-100.00, couple 100.00-105.00; choice 200-385 lb. 74.00-90.00, few 90.00-95.00; high good and low choice 140-300 lb. 62.00-79.00, 110-140 lb. 50.00-65.00, 80-110 lb. 37.00-45.00, few 60-80 lb. 34.00-40.00.

SLAUGHTER CALVES: Good and choice 250-500 lb. 37.00-47.00, few choice 47.00-54.00.

RETURNED TO FARM: Bulk 95-125 lb. holstein bulls 85.00-98.00, several small frame 90-110 lb. 60.00-80.00.

SHEEP: Wooled lambs steady; slaughter ewes mostly steady.

WOOLED LAMBS: Choice 85-105 lb. 64.00-69.00, couple 65-75 lb. 72.00-74.00; Good 80-105 lb. 54.00-63.00; few head choice 45-55 lb. new crop lambs 144.00-145.00.

SLAUGHTER EWES: Utility and good 18.00-29.00, few 30.00-38.00.

GOATS: All goats sold by the head, bulk of supply medium selling at 35.00-49.00, few large 51.00-64.00, individual 81.00, few small 23.00-35.00.

Lancaster County Weekly

Friday, Dec. 12
Report Supplied by PDA

	Cattle	Calves
This Week	4300	1825
Last Week	3443	1919
Last Year	4498	1899

CATTLE: Slaughter steers 1.00 to 2.00 lower, with some sales early in the week as much as 4.00 lower; sl. heifers steady to weak; cows opened .50 to 1.00 higher, this advance lost with closing sales 1.00 to 1.50 lower; bullocks steady; bulls fully steady. Supply included 40 per cent sl. steers, 6 per cent sl. heifers, 30 per cent cows, 5 per cent bulls with the balance feeders.

SLAUGHTER STEERS: few head high Choice & Prime 2-3 1200-1350 lbs. 67.25-68.60; several Choice 2 1150-1325 lbs. 64.00-67.00; Choice 2-3 few 4 1100-1400 lbs. 59.75-62.75, few 62.75-64.00, several lots mostly 3 few 4 58.50-59.75; high Good & low Choice 2-3 57.75-60.75; few Good 2-3 1000-1275 lbs. 54.00-58.00; Good & Choice 1275-1725 lb. holsteins 45.00-49.25, few Choice early 50.50-56.00; Standard & low Good 1125-1300 lbs. 41.00-46.50.

SLAUGHTER HEIFERS: Choice 2-3 few 4 900-1325 lbs. 55.50-61.25, few Choice 2 61.25-63.00; Good 2-3 950-1150 lbs. 51.75-55.50.

COWS: Breaking Utility & Commercial 2-4 35.75-39.75, several early 40.00-42.00; Commercial 3-4 33.50-36.50; Cutter & Boning Utility 1-3 34.00-39.00, several early 39.00-40.50; Canner & low Cutter 31.00-34.75 few 30.00-31.00.

BULLOCKS: Choice 1-3 1100-1550 lbs. 50.50-55.00, couple 55.50-60.00; Good 1-2 900-1325 lbs. 45.00-49.75.

BULLS: YG 1, 1200-1950 lbs. 48.00-51.50 few 52.00-56.00; YG 2, 1050-1550 lbs. 44.50-48.00, few 900-1050 lbs. 41.00-45.00.

VEAL CALVES: Vealers mostly steady; sl. calves steady to 5.00 lower. Demand good for holstein bulls to return to farm.

VEALERS: High Choice & Prime 240-360 lbs. 94.00-100.00, few 100.00-110.00; Choice 160-325 lbs. 74.00-90.00, few 90.00-95.00; high Good & low Choice 140-320 lbs. 62.00-80.00, 110-140 lbs. 45.00-65.00, 80-110 lbs. 37.00-45.00, 70-80 lbs. 34.00-40.00; Standard 65-85 lbs. 30.00-37.00.

SLAUGHTER CALVES: Good & Choice 250-500 lbs. 37.00-50.00, few Choice 50.00-60.00.

RETURNED TO FARM: Bulk 90-125 lb. holstein bulls 85.00-99.00, several small frame 90-115 lbs. 60.00-85.00; few 100-120 lb. holstein heifers 52.00-60.00.

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12 Noon —Slaughter Hogs

WEDNESDAY
8:00 A.M —Slaughter Hogs
10:00 A M —Slaughter Bulls, Heifers, Steers, Cows
11.00 A M —Veal Calves, Lambs

FRIDAY
11:00 A M —Stocker and Feeder Cattle

SATURDAY
8:00 A.M —Slaughter Hogs

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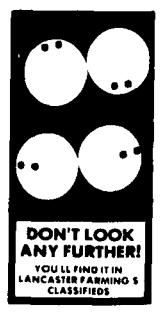

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HOG MARKETS

New Holland Hogs

New Holland Sales Stables
New Holland, PA
Monday, Dec. 8, 1986
Report Supplied by Auction

Today	1111
Last Monday	730
Last Year	1514

TREND: Compared to last Monday barrows and gilts weak to 50 lower, instances 76 lower.

BARROWS AND GILTS: US 1-2 210-250 lb. 54.50-56.00; US 1 210-245 lbs. 57.00-59.00; US 1-3 200-255 lb. 53.00-54.50; US 3-4 Few 220-250 lb. 51.50-52.50.

St. Louis Hogs

Thursday, Dec. 11

3500 - Barrows & gilts moderately slow, steady; buyers price conscious on wts. over 240 lb.

US 1-3 200-250 lb. 53.00-53.75, mostly 53.50-53.75.

Few 250-260 lb. 52.00-52.50.

SOWS: Under 500 lb. .50-1.00 lower; over 500 lb. 1.50 lower. (About 8%)

US 1-2 300-500 lbs. 43.00-43.50.

US 1-3 Over 500 lbs. 42.00-44.50.

BOARS: Over 300 lb. 39.50; under 300 lb. 37.50-38.00.

Peoria Hogs

Thursday, Dec. 11

2200 - Barrows & gilts fairly active, mostly steady, instances .50 higher.

US 1-2 220-240 lb. 53.50-54.50, bulk 53.50-54.00.

US 1-3 200-250 lb. 52.50-53.50.

SOWS: .50-1.00 lower. (19%).

US 1-3 350-650 lbs. 43.50-44.00.

BOARS: Over 350 lb. 41.25; under 350 lb. 40.00-40.50.

Indianapolis Hogs

Thursday, Dec. 11, 1986

650. Barrows & gilts moderately active, under 260 lb. firm, over 260 lb. unevenly weak-1.00 lower, instances 2.00 off over 300 lb.

US 1-3 mostly 2-3 235-260 lb. 53.50-54.00.

US 2-3 260-275 lb. 50.50-53.50, mostly 51.00-53.50.

SOWS: Active, steady, instances 1.00 lower. (6%).

US 1-3 440-585 lb. 40.00-42.00.

US 2-3 few 610-670 lb. 46.00-48.00.

BOARS: Over 300 lb. 39.00.

Vintage Hogs

Paradise, PA
Thursday, Dec. 4, 1986
Report supplied by Auction

1's and 2's, 220-260 lbs., 49.75-54.50; Sows, 265-810 lbs., 30.00-43.00; Boars, 470-605 lbs., 38.00-39.25.

Lancaster Hogs

Monday, Dec. 8, 1986

HOGS: Compared to last Wednesday barrows and gilts 75-1.50 lower; sows uneven, 350-500 lb. steady to 1.00 lower, 500-650 lb. 2.00-3.00 lower.

BARROWS AND GILTS: US 1-2 210-245 lb. 55.00-55.75; US 1 210-245 lb. 57.00-59.00; US 1-3 200-255 lb. 54.00-54.75; US 2-4 220-260 lb. 53.00-54.00; 260-285 lb. 50.00-53.00.

SOWS: US 1-2 350-500 lb. 39.00-44.50; US 1-3 500-650 lb. 43.50-45.50.

Wednesday, December 10, 1986

HOGS: Compared to Monday barrows and gilts 25-50 lower; sows steady to 1.00 lower.

BARROWS AND GILTS: US 1-2 210-245 lb. 54.50-55.50; US 1 210-240 lb. 56.00-58.00; US 1-3 200-255 lb. 54.00-54.50; US 2-4 220-265 lb. 53.00-54.00.

SOWS: US 1-2 300-500 lb. 38.00-44.00; US 1-3 500-650 lb. 43.00-44.50.

New Holland Feeder Pigs

Wednesday, Dec. 10, 1986
Report Supplied by Auction

Today	1467
Last Wednesday	1082
Last Year	941

TREND: Compared to last Wednesday feeder pigs 5.00 to mostly 10.00 higher, instances 15.00 higher. All pigs weighed on arrival and sold by the hundred weight.

US 1-2: 6 hd. 17 lbs. 190.00; 97 hd. 21-29 lbs. 150.00-182.00; 238 hd. 30-39 lbs. 122.00-138.00; 212 hd. 40-49 lbs. 103.00-116.00; 14 hd. 44 lbs. 126.00; 245 hd. 50-59 lbs. 103.00-115.00; 57 hd. 60-69 lbs. 94.00-101.00; 15 hd. 77-82 lbs. 70.00-87.00.

US 2: 42 hd. 53-59 lbs. 95.00-99.00.

US 2-3: 24 hd. 19 lbs. 166.00; 31 hd. 26 lbs. 144.00; 60 hd. 30-39 lbs. 114.00-122.00; 79 lbs. 40-49 lbs. 94.00-100.00; 49 hd. 51-56 lbs. 90.00-93.00; 28 hd. 63-71 lbs. 67.00-84.00.

Northeast Chicken Parts

About a year ago the Northeast Chicken Parts Market was discontinued by our market reporting service. Now by popular demand, the report has been made available again.

So look for the Northeast Chicken Parts Market report today and each following week in the market pages.

U.S. Inspected Livestock Slaughter

Estimated Daily Livestock

	CATTLE	CALVES	HOGS	SHEEP
Thursday 12/11/86				
Week To Date (Est.)	523,000	48,000	1,200,000	87,000
Same Pd. Lt. Wk. (Est.)	528,000	50,000	1,201,000	82,000
Same Pd. Lt. Yr. (Act)	517,000	58,000	1,242,000	93,000

GRAIN, CATTLE AND HOG FUTURES MARKETS

(Daily closing bids: Friday, Dec. 5 through Thursday, Dec. 11)

CORN

	FRI.	MON.	TUES.	WED.	THURS.
DEC.	161	163	162	161½	158¼
MAR. 87	170¾	172	170¼	170½	167½
MAY	177½	178¼	176½	177	173¾
JULY	179¾	180½	179¼	179¾	176¾
SEPT.	182	182¼	180	180¾	179
DEC.	186	186½	183¾	185	183¼

WHEAT

	FRI.	MON.	TUES.	WED.	THURS.
DEC.	285	284¾	279	279¾	279½
MAR. 87	282	282¾	277¾	278½	276¼
MAY	267	267¾	265½	264¾	263
JULY	249	248½	246¾	245¾	245¼
SEPT.	249¾	249½	248¼	247¼	247

SOYBEANS

	FRI.	MON.	TUES.	WED.	THURS.
JAN.	497½	496	491¾	493¾	488¾
MAR. 87	500½	499¾	496¼	498¼	493½
MAY	503¾	503½	500¼	502	497½
JUL.	505½	505¼	502¾	505	500
AUG.	504¼	504	501½	504½	499¾
SEP.	497½	496	495	497	494½
NOV.	497¼	497¼	496½	498¼	496

CHICAGO CATTLE

	FRI.	MON.	TUES.	WED.	THURS.
DEC.	61.40	60.45	60.47	60.25	60.57
FEB.	57.37	56.60	57.05	56.85	57.07
APR.	57.05	56.72	57.22	57.02	57.15
JUN.	56.37	56.17	56.55	56.37	56.52
AUG.	55.55	55.52	55.60	55.35	55.40
OCT.	54.40	54.30	54.35	54.20	54.20

SOYBEAN MEAL

	FRI.	MON.	TUES.	WED.	THURS.
DEC.	145.50	146.30	145.50	145.50	144.60
JAN. 87	145.60	146.20	145.50	145.30	144.30
MAR.	145.90	146.10	145.70	145.40	144.50
MAY	146.60	146.30	146.20	145.80	144.80
JULY	147.00	147.00	146.80	146.30	145.40
AUG.	147.10	147.20	147.00	146.50	145.90
SEPT.	147.20	147.20	147.20	146.80	146.50

CHICAGO HOGS

	FRI.	MON.	TUES.	WED.	THURS.
DEC.	56.27	56.07	55.47	56.00	55.60
FEB. 87	52.55	52.00	51.87	52.25	51.65
APR.	46.97	46.22	46.50	46.90	46.65
JUN.	48.75	48.12	48.27	48.67	48.47
JUL.	48.20	47.65	47.27	48.15	47.92
AUG.	45.30	44.62	44.85	45.05	44.90
OCT.	41.85	–	41.62	41.20	41.30

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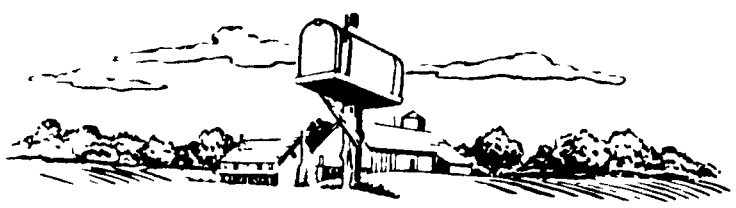

In this issue

Four Sections

Columns

Now is the Time	A10
The Dairy Business	A33
Ida s Notebook	B 5
On Being a Farm Wife	B13
The Micro Way	B14
Have You Heard?	B16
Forest On Fowl	D 2
Brockett s Ag Advice	D12

Departments

Editorial	A10
Farm Calendar	A10
Classified Ads	B25 C10
Livestock Latest	D 2
Business News	D 6
The Bull etin Board	D11
Mailbox Markets	D15
Sale Reports	D21
Public Auction Register	D22

Features

Lehigh Northampton Extension Merger	A22
Chester Co Extension Directors	A29
Farm Credit Meeting	A30
Special No Till Section	C2 C8
No Till Conference	C2 C3
Turkey Production	D 4

Dairy

Garden Spot Sale	A17
World Trade Markets	A19
Lancaster Co DHIA Awards	A20
Lehigh Co Holstein Club	A23
Berks Co DHIA Awards	A24
Jefferson Co Top DHIA Herd	A26
Buy out Report	A26
Bucks Co DHIA Awards	A33
Dairy Sales and Dispersals	A34

Home and Youth

Homestead Notes	B 2
Home on the Range	B 6
Cook s Question Corner	B 8
Howard Co 4 H Achievement Night	B 9
Kid s Korner	B10
Farm Women News	B12
Indiana Co 4 H Achievement Night	B16
Sycamore Springs	B18
Lebanon Co 4 H Dairy Awards	B20

POULTRY MARKETS

Heinsey's Poultry Report

Root's, East Petersburg
Tuesday, Dec. 9, 1986
Report supplied by auction

Muscovy Ducks, Drakes: range .72-.88 per lb.

Muscovy Ducks, Hens: range .52-.62 per lb.

Pekin Ducks: range .30-.54 per lb.

Pullets: 6-8 lbs. range .48-.56 per lb.

Red Fowl: 4:4½ lbs. range .22-.38 per lb.

Red Fowl: 5-6 lbs. range .40-.64 per lb.

Crossbred Fowl: 5-9 lbs. range .30-.54 per lb.

Crossbred Roosters: 4-6 lbs. range .40-.72 per lb.

Crossbred Roosters: 7-11 lbs. range .40-.64 per lb.

Guinea Fowl: range 1.15-1.70 per lb.

Banty Roosters: range 1.50-3.50 ea.

Banty Hens: range .50-1.25 ea.

Leghorn Hens: range .20-.26 per lb.

Geese: 8-14 lbs. range .15-.42 per lb.

Turkeys: 8-16 lbs. range .56-.76 per lb.

Capons: 10-13 lbs. range .68-.80 per lb.

Pigeons: range 1.25-1.75 ea.

White Pigeons: range 2.50-2.85 ea.

Silkies: range 4.50-6.25 ea.

Doves: range 2.00-3.00 ea.

Chukars: range 3.50-4.10 ea.

Rabbits: 4-6 lbs. range 1.00-1.32 per lb.

Rabbits: 7-11 lbs. range .80-1.06 per lb.

Bunnies: 1.00-2.50 ea.

Guinea Pigs: range 1.00-5.25 ea.

Goats: range 32.00-63.00 ea.

Total Number of Coops: 836.

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Eastern PA and NJ Poultry

Wednesday, Dec. 10, 1986
Report Supplied by USDA

Market Comment: Prices were about steady for the adequate to fully adequate offering with some buyers bidding towards the low side of today's quote for future arrivals. Plant schedules generally running at desired levels. Processed fowl meat sales were being affected by increased offering of broiler fryers, generally preferred by processors for its higher yield.

Prices Paid at Farm:

Light Type Hens: 13-15.

Delmarva Poultry

Thursday, Dec. 11, 1986

Market Comment: Demand for ready to cook whole birds was improved and about moderate. Offerings were reduced but still fully sufficient to handle any additional inquiry. Supplies of white meat were tighter, and trading was occurring at higher trending levels, particularly on whole breasts. Dark meat items were still in excess, and prices continued to edge lower. Wings were in generally good balance. Less than trucklot asking prices were mostly two cents lower at 43-49 cents. Live supplies were at least moderate: weights desirable but mostly heavy. Slaughter schedules were reduced a bit compared to past couple of days and moderate in total. The undertone was barely steady to weak.

Estimated slaughter of broiler fryers in Delmarva:

Estimated 12/11 1,924,000; Actual 12/4 1,812,000.

Actual 12/9 1,908,000.

Average Weights 12/9 4.66, 12/2 4.68.

Philadelphia Eggs

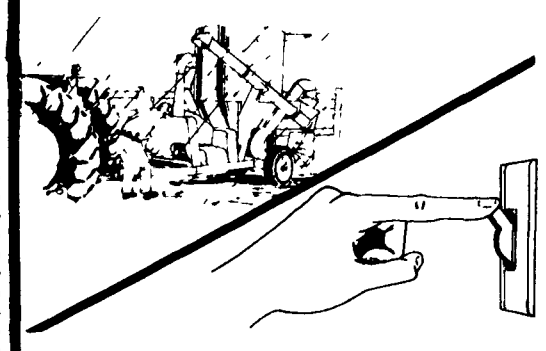
Thursday, Dec. 11, 1986
Report Supplied by USDA

Market Comment: Prices were unchanged. Trade sentiment cautiously steady. Demand for cartoned eggs was about moderate. Supplies and offering were fully adequate and easily covered current demand.

Prices to retailers: sales to volume buyers, consumer grades white eggs in cartons delivered store door:

A Extra Large .74-.76; A Large .72-.75; A Medium .62-.66½.

WINTER JOYS?



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N.E. Weekly Shell Egg Report

Tuesday, Dec. 9
Report Supplied by USDA

Prices paid per dozen Grade "A" Brown eggs in cartons delivered to retail stores:

	Ex. Large	Large	Medium	Small
N. HAMP.	.91-.95	.89-.93	.80-.84	.51-.55
Mostly	.93-.94	.91-.92	.82-.83	.53-.54
R.I.	.94-.98	.90-.94	.83-.87	.54-.58
Mostly	.94	.90	.83	.54
VERMONT	.97-1.04	.95-.99	.80-.92	
Mostly	1.00	.98	.90	
MAINE	.98-1.05	.94-1.01	.87-.94	.58-.65

Weekly New York Egg Market Northeast Quotes

From Friday Dec. 5 to Thursday, Dec. 11

	Fri.	Mon.	Tues.	Wed.	Thurs.
WHITE					
Jumbo	.86	.86	.86	.86	.86
Ex. Large	.81	.81	.81	.81	.81
Large	.78	.78	.78	.78	.78
Medium	.70	.70	.69	.68	.68
Pullets	.60	.60	.60	.60	.60
Off Grade	.68	.68	.68	.68	.68
BROWN					
Ex. Large	.97	.97	.97	.97	.97
Large	.91	.91	.91	.91	.91
Mediums	.75	.75	.75	.75	.75
OFF GRADE					
Undergrades	.44	.43	.43	.43	.42
Checks	.42	.41	.41	.41	.40

Breaking Stocks: Friday 42-44 lbs. 40.00-42.00; 48-50 lbs. 49.00-51.00; 50 lbs. up 51.00-53.00. Monday 48-50 lbs. 48.00-49.00; 50 lbs. up 49.00-50.00. Wednesday 42-44 lbs. 38.00-40.00. Thursday 48-50 lbs. 47.00-48.00; 50 lbs. up. 48.00-49.00.

New York Multiple Drop Broiler Report

Thursday, Dec. 11, 1986
Report Supplied by USDA

Current broiler-fryer negotiated prices for immediate delivery includes mostly multiple drop shipments to New York City from Delmarva.

Range: U.S. Grade A 41-51.

Weighted AVG.; U.S. Grade A 47.24.

Premium (X) Boxes 8,168

(X) Includes special services, selected competitive brands, etc.

Oklahoma Cattle

Wednesday, Dec. 10
Report supplied by USDA

Cattle & Calves: Estimate: 400; Same Day Last Week: 590.

Auction sales totaled 237 head including 51 cows. No trends on feeders. Limited test on slaughter cows .50-1.00 lower. Bulls scarce.

FEEDER STEERS: Medium 1 440# 67.50; 500-550# 62.10-64.90; 625# 62.25.

Large frame 1 675-825# 60.25-61.00.

Medium frame mixed 1-2 425-575# 61.75-62.25.

Large frame 2 holsteins 600# 49.75.

FEEDER HEIFERS: Medium frame 1 430# 59.25.

Medium and large frame mixed 1-2 300-375# 55.25-57.75; 500-700# 55.50-56.50.

Medium frame 2 370# 46.00.

SLAUGHTER COWS: Boning-utility 1-2 33.10-35.60. Cutter 1-2 32.60-35.50, all holsteins.

FOR THE WEEK: Feeder steers and heifers 1.00-3.00 lower, closing 2.00-3.00 lower. Slaughter cows steady to 2.00 lower, late 1.00-2.00 lower. Slaughter bulls steady.

Northeast Chicken Parts

Thursday, December 11, 1986

Comment: Trading was mixed in the breast complex, light and unaggressive on leg items. Cutlets had moved into a slightly better balance and sales below $1.75 level were becoming less prevalent. Line one breasts have cleared for the most part, and sales and a willingness to buy at 75 cents was apparent. Rib breasts were clearing much better as retail feature interest has drawn supplies tighter in several quarters. Legs and leg quarters continued in ample supply, and were slow in clearing. Wings were adequate at current price levels.

Breasts, skinned boneless- 1.75.
Rib-on-breasts- .70-.80.
Line one breasts- .75.
Legs- .36-.37.
Leg quarters- .25-.26.
Wings- .41-.42.
Back and Necks- .10-.12.
Livers- .10-.15.
Gizzards (hearts)- .45-.50.

Today's negotiated sales as of 11:30 a.m. prices paid per pound on ice packed part delivered in pool trucklot and trucklot quantities.

New Wilmington Hay

New Wilmington, PA
Friday, Dec. 5
Report supplied by Auction

44 lots.

Alfalfa 82.50-111.00, 2 loads 130.00-162.50; Mixed Hay 56.00-77.00, 2 loads 81.00-102.00; Timothy 53.00-65.00, 2 loads 70.00-77.00; Clover 62.00-67.50, 2 loads 90.00-100.00; Straw (6 lots) 51.00-79.00; Ear Corn (6 lots) 64.00-73.00; Oats (4 lots) $.95-$1.15/bu.

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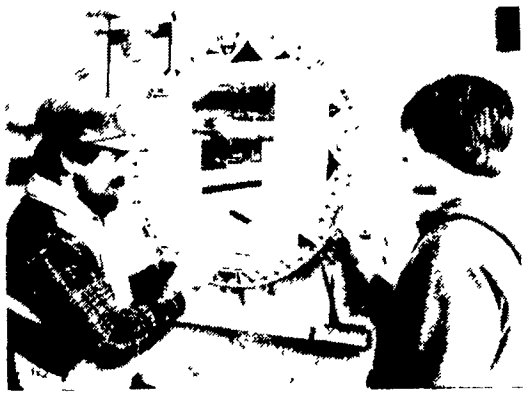

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HAY MARKETS

Pa. Grain

Monday, Dec. 8
Report supplied by PDA

COMPARED WITH LAST MONDAY'S MARKET FOR SOUTHEASTERN, CENTRAL AND SOUTH CENTRAL PA.: Corn, Wheat, Barley, and Ear Corn mostly steady to strong; Oats steady to .10 higher; Soybeans unevenly steady.

Southeastern Pennsylvania

Corn No. 2-y range 1.65-1.98, average 1.83; @Wheat No. 2 range 2.35-2.95, few reported 3.17, average 2.73, *Contract for Harvest 2.35-2.64; Barley No. 3 range 1.30-1.50, few reported 1.65, average 1.41, *Contract for Harvest 1.20-1.30; Oats No. 2 range 1.10-1.50, average 1.29; Soybeans No. 1 range 4.65-4.90, average 4.76; *Gr. Sorghum #2 range 1.60, average 1.60; #New Ear Corn range 39.00-55.00, average 45.90.

Central Pennsylvania

Corn No. 2-y range 1.60-1.90, average 1.77; @Wheat No. 2 range 2.35-2.80, average 2.56; Barley No. 3 range 1.25-1.30, average 1.29; Oats No. 2 range .90-1.25, average 1.10; Soybeans No. 1 range 4.40-4.75, average 4.63; *Gr. Sorghum #2 range 1.50, average 1.50; *+Buckwheat range 8.50-9.50, average 9.00; *Old Ear Corn range 43.00-55.00, average 49.14; #New Ear Corn range 35.00-45.00, average 39.13.

South Central Pennsylvania

Corn No. 2-y range 1.70-1.95, average 1.83; @Wheat No. 2 2.30-2.60, average 2.43; Barley No. 3 range 1.20-1.40, few reported 1.60, average 1.38; Oats No. 2 .90-1.30, average 1.12; *Old Ear Corn range 45.00-55.00, average 50.00; #New Ear Corn range 40.00-55.00, average 47.57.

Western Pennsylvania

Corn No. 2-y range 1.50-1.90, average 1.73; @Wheat No. 2 range 2.20-2.45, average 2.32; Oats No. 2 range .85-1.40, mostly $1-1.25, average 1.16; *Old Ear Corn range 55.00, average 55.00; #New Ear Corn range few reported 48.00, average 48.00.

Southeastern, Central & South Central Summary

Corn No. 2-y range 1.65-1.98, average 1.80; @Wheat No. 2-y range 2.35-2.95, average 2.60; Barley No. 3 range 1.25-1.50, average 1.36; Oats No. 2 range .90-1.45, average 1.17; Soybeans No. 1 range 4.60-4.90, average 4.68; Old Ear Corn 43.00-55.00, average 49.46; #New Ear Corn range 35.00-55.00, average 44.20.

Month Ago

Corn No. 2-y range 1.77; @Wheat No. 2-y range 2.56; Barley No. 3 range 1.32; Oats No. 2 range 1.06; Soybeans No. 1 range 4.61; Old Ear Corn range 50.48; #New Ear Corn range 40.46.

Year Ago

Corn No. 2-y average 2.38; @Wheat No. 2-y average 2.94; Barley No. 3 average 1.58; Oats No. 2 average 1.05; Soybeans No. 1 average 4.71; #New Ear Corn average 52.85.

Regional Hay

Eastern, Pa.
On-Farm Sales

HAY & STRAW MARKET FOR EASTERN PA. (All Hay No. 2 and better prices paid by dealers at the farm and per ton.) - Hay and Straw steady to $5 higher.

Alfalfa 90.00-110.00; Mixed Hay 70.00-100.00; Timothy 70.00-100.00; Straw 60.00-90.00; Mulch 30.00-40.00.

Lancaster Co. Auctions

SUMMARY OF LANCASTER CO. HAY AUCTIONS For Week Ending 12/5. PRICES PER TON: LOADS: 248 Hay, 72 Straw, and 16 Ear Corn.

Alfalfa 97.00-152.00; Mixed Hay 85.00-138.00; Timothy 101.00-150.00; Straw 93.00-128.00; Ear Corn 55.00-80.00.

Central Pa. Hay Auctions

SUMMARY OF CENTRAL PA. HAY AUCTIONS For Week Ending 12/5. PRICES PER TON: LOADS: 89 Hay, 8 Straw, and 2 Ear Corn.

Alfalfa 100.00-149.00; Mixed Hay 65.00-134.00; Timothy 85.00-118.00; Straw 60.00-100.00; Ear Corn 47.50-67.50.

Frederick Co. Hay

Buckeystown, Md.
Thursday, Dec. 11, 1986
Report Supplied by Auction

Rain and snow. Market steady to weak on hay. Steady on straw. 57 loads.

Alfalfa, 18 loads fair to good, 110.00-142.00; Alfalfa Mix, 3 fair to good, 110.00-132.00; Timothy Hay, 9 fair to good, 102.00-134.00; Mixed Hay, 10 fair to good, 110.00-135.00; 3 dark, 86.00-92.00.

Orchard Grass mixed, 2 loads 85.00-132.00; Straw, 8 Wheat Straw 90.00-115.00; 1 Rye Straw 93.00.

Firewood, 2 Good Oak 87.00-90.00 a cord; 1 fair 60.00 a cord.

Christmas party to be held Dec 18, at 11 a.m.

Leinbach's Hay

Shippensburg, PA
Dec. 6 & 9, 1986
Report supplied by Auction

51 loads. Alfalfa, 85.00-147.00; Mixed Hay, 57.00-140.00; Timothy 85.00-113.00, Clover, 75.00; Straw 48.00-100.00.

Firewood, 31.00-41.00 pick-up load.

Keister's Hay

Middleburg, PA
Tuesday, Dec. 9
Report supplied by auction

18 loads Hay, Alfalfa, 117.50-132.00; Mixed Hay, 80.00-135.00; Mulch Hay, 37.50-52.50.

4 loads Straw, 95.00-110.00; 4 loads Ear Corn, 55.00-56.00; Oats, 1.40 bu.

Dewart Hay

Dewart, PA.
Monday, Dec. 8, 1986
Report Supplied by Auction

14 loads Hay, 76.00-99.00. 9 loads Wood, 25.00-44.00 ld.

48% Soybean Meal, $207.80
Distillers Grains, $174.00
Per Ton — Delivered
EVEN LOWER PRICES FOR LARGER QUANTITIES.
Buy up to 11 tons and save more! No extra charge to blend these ingredients
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7:30 AM
For Your Protection Your Hogs Must Be Identified
10:00 AM
HORSES MULES
11:00 AM
HAY
STRAW
GRAIN
1:30 PM
BEEF SALE
CALF, SHEEP, GOATS

WEDNESDAY
12:00 NOON
DAIRY COWS
HEIFERS, BULLS
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Beginning Dec. 31 Sale Starts At 11:00 AM
NEW HOLLAND SALES STABLES, Inc.
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The Action Auction
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Norman Kolb - 717-397-5538
Field Representatives
Alan Diffenbach 717-656-9806
Luke Eberly 215-267-6608 - 738-1865
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We endeavor to keep our barns cleaner than yours. State graded until 12 Noon

THURSDAY
10:00 AM
BULLS -
STEERS - BEEF COWS
2:30 P.M.
CALVES
SHEEP
GOATS

Market your livestock thru New Holland Sales, your neighbor does
Pick-up your check before you leave

Leesburg Hay
Leesburg, Va.
Wednesday, Dec. 10, 1986
5 loads. Timothy & Alfalfa Mix 95.00-140.00.

Vintage Hay
Paradise, PA
Saturday, Dec. 6, 1986
Report Supplied by Auction
25 loads.
Alfalfa, 86.00-129.00; Mixed Hay 89.00-130.00; Straw, 86.00-110.00; Corn Fodder, 57.50; New Corn, 64.00.

Good's Hay
Leola, Pa.
Wednesday, Dec. 10, 1986
Report Supplied by Auction
106 loads.
Alfalfa, 89.00-135.00; Timothy, 70.00-148.00; Mixed Hay, 81.00-170.00; Straw, 70.00-130.00; Corn, 55.00-72.00; Clover, 84.00; Stubbles, 71.00.
Orchard Grass, 106.00; Oats, 1.65-1.80 bu.

Carroll Co. Hay
Westminster, MD
Tuesday, Dec. 9
Report supplied by Auction
6 loads.
Alfalfa, with dust, 112.00; Timothy and Clover, 2nd cutting, very good, 131.00; Timothy, fair, 107.00.
Brome Grass, 99.00; Straw, Wheat, 115.00; Wood, 50.00 cord.

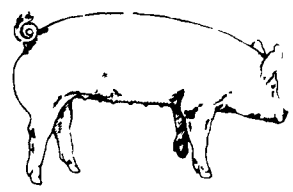
Belleville Hay
Belleville, PA
Wednesday, Dec. 10
Report supplied by Auction
47 loads Hay, Alfalfa, 72.50-112.50; Mixed Hay, 62.50-90.00; 4 loads Straw, 80.00-85.00; 1 load Ear Corn, 67.50.

Green Dragon Hay
Ephrata, PA
Friday, Dec. 5
Report supplied by Auction
145 loads.
Mixed Hay, 82.00-155.00; Stubble Hay, 123.00; Alfalfa, 86.00-152.00; Canary Grass, 91.00-121.00.
Clover, 2 at 78.00 and 99.00; Timothy Hay, 76.00-162.00; Straw, 103.00-125.00; Corn Fodder, 52.80.
Ear Corn, 59.00-80.00; Oats, 1.90-2.00 bu.; Rye, 2.50 bu.

New Holland Hay
New Holland, PA
Monday, Dec. 8
Report Supplied by Auction
196 loads.
Alfalfa, 82.00-168.00; Mixed Hay, 74.00-165.00; Timothy, 102.00-156.00; Straw, 100.00-154.00.

Chambersburg Hay
Chambersburg, PA
Thursday, Dec. 11
Report Supplied by Auction
28 loads.
Timothy and Alfalfa, 2 at 109.00 and 95.00; Alfalfa, 1st cutting, 131.00, 3rd cutting, 126.00. Alfalfa, 67.00-132.00.

CRIPPLED AND DISABLED
Cows, Steers & Bulls For Slaughter Under USDA Inspection
—Call Wayne Taylor—
717-866-6289
215-286-9400
Lebanon, Berks, Lancaster & Chester Counties



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HOURS: MONDAY, TUESDAY, and WEDNESDAY 6:00 A.M. to 11:30 A.M.
215-458-5677 Residence
717-733-9648 Office
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Ken & Lois Emery, Proprietors

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1010 W. Main St., Mount Joy, PA 17522

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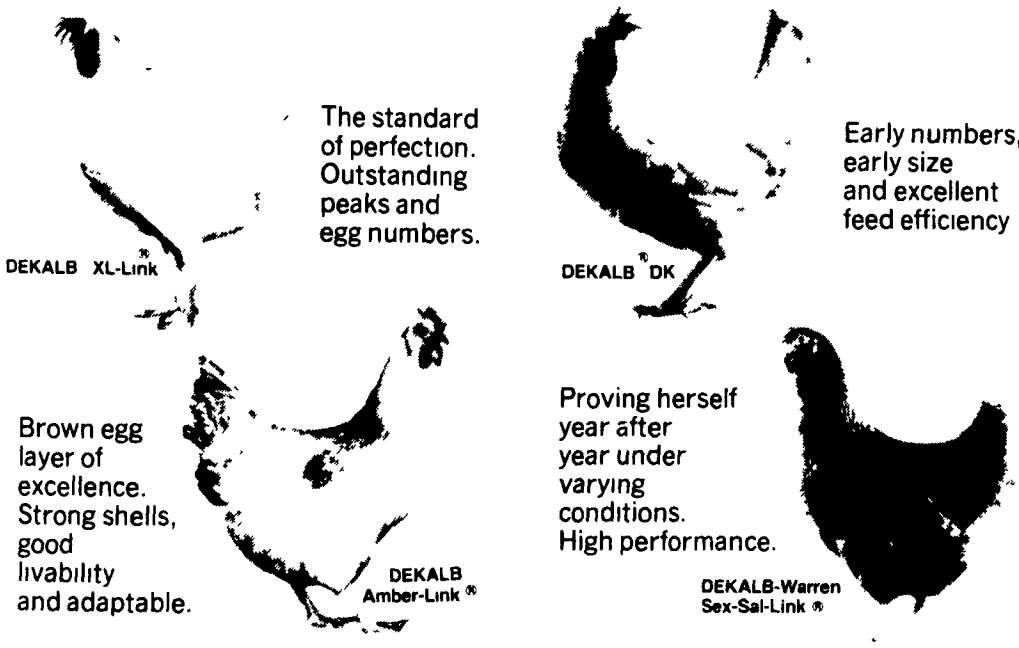
The American birds backed by research and performance



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Early numbers, early size and excellent feed efficiency
Brown egg layer of excellence. Strong shells, good livability and adaptable.
Proving herself year after year under varying conditions. High performance.

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43 Years Of Commitment to the Poultry Industry	Provides you with a consistent & reliable performer.
DEKALB Research 2 Million $ Annual Budget	Research is insurance that provides you with predictable performance. Proven programs provide you with optimum genetic potential.
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For Your Chick And Pullet Needs Call On The Melhorn Sales Team: Nelson Groff and Rich Roenigk.
The only full service company, in this area, to handle the total needs of poultrymen.
For More Information Phone:
717-653-1102
Monday - Friday 8:30 AM - 4:00 PM

LAMB CONSIGNORS
An Important Notice
With Christmas on Thursday, December 25, 1986, we recommend that your lambs for the Christmas trade be consigned on Monday, December 15, 1986. All lambs will be sold at auction beginning at 10:00 A.M. and will be sorted and weighed upon arrival.
KEEP IN MIND this Monday for consigning your lambs - December 15, 1986 - and your consignments are respectfully solicited. Sorting and weighing will begin at 5:00 A.M.
Walter M. Dunlap and Sons
Lancaster Stockyards
Tel. (717) 397-5136
An Old Line Commission Firm Keeping Abreast With The Times

SECOND ANNUAL FARMLAND PRESERVATION BENEFIT
BREAKFAST
$4.00 per adult
Children (ages 3-9) **$2.00**
SUNDAY, DECEMBER 14th, 1986
8 a.m. - 1 p.m.
Pancakes, Scrambled Eggs, French Toast, Sausage, Home Fried Potatoes, Danish, Muffins, Juice, Milk, Hot Coffee or Tea, Fresh Fruit, Apple Butter, Butter and Jelly.
The Family Style Restaurant
ROUTE 30,
4½ MILES EAST OF LANCASTER, PA
Just east of Dutch Wonderland
A SKIADAS BROTHERS ENTERPRISE
(717) 393-2323
ALL PROCEEDS:
The Lancaster County Agricultural Land Preservation Fund
We Thank The Following Suppliers:
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Bob White
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PYA Monarch

THE OLD FARMER'S ALMANAC

DEC. 15-21, 1986

Short days and brilliant sunsets

United States Bill of Rights took effect upon Virginia's ratification Dec 15 1791 Full moon Dec 16 (Tues) Members of the Sons of Liberty dumped chests of tea into Boston Harbor in the famous Boston Tea Party, Dec 16 1773 Average length of days for the week 9 hours 5 minutes Ice jam on the Ohio River near Warsaw Ky, backed up river more than 100 miles, Dec 16 1917 Winter solstice occurs Dec 21 (Sun) at 11 02 PM, EST *Better to have little with worship than much with shame*

Ask the Old Farmer: Gray squirrels have gotten into the walls of my house and I worry about the damage they will do not to mention the noise that they make What can I do? M R B Greenwich, Conn

There are devices made now that put out an ultrahigh frequency sound that cannot be heard by humans but will drive squirrels out of the house

Home Hints Store wood ashes outside in a covered bucket safely away from the house

OLD FARMER'S WEATHER FORECAST

New England: Beginning of week cold with light snow midweek severe cold with flurries end of week cloudy

Greater New York-New Jersey: Beginning of week cold with light snow midweek cloudy with very cold temperatures, end of week sunny and seasonable

Middle Atlantic Coastal: Week begins with rain and snow seasonable temperatures midweek severe cold end of week sunny with mild temperatures

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Eighty-Four Livestock Auction

Eighty-Four, Pa.
Monday, November 24, 1986
Report Supplied By PDA

REPORT FOR DECEMBER 8 NOT AVAILABLE.

CATTLE 386... PDA... Compared with last Monday's market: Slaughter cows weak to mostly .50 lower. Few Choice slaughter steers 57-62.25, few Good 51.00-56, few Stanard 45.00-50, Utility 39.75-44.50. Few Standard slaughter heifers 40.00-44, Utility 36.00-40.00. Breaking Utility and Commercial slaughter cows 35-38.25, one 39.25, Cutter and Boning Utility 32.00-36, Canner and Low Cutter 27-32.50. Yield Grade No. 1, 900-1950 lbs. slaughter bulls 42-48.50, No. 2, 900-1600 lbs. 38-41.50. Feeder Cattle: Medium & Large Frame No. 1, 350-600 lbs. steers 53.00-60, Medium No. 2, 300-500 lbs. 45.00-49.00. Medium & Large Frame No. 1, 300-550 lbs. heifers 45.00-54, few 57.00, Medium No. 2, 300-500 lbs. 40.00-45. Medium & Large Frame No. 1, 300-650 lbs. bulls 48.00-55, few Medium No. 2, 300-500 lbs. 40.00-45.00.

CALVES 227...Few Good vealers 62.00-67.00, Standard and Good 90-120 lbs. 48.00-50.00, 60-85 lbs. 40.00-48.00, few Utility 50-80 lbs. 28.00-38.00. Farm Calves: Holstein bulls 90-125 lbs. 62.00-88.00.

HOGS 166...Barrows and gilts .50 to $1 lower. US No. 1-2 210-240 lbs. 52.00-52.75, 1-3 210-250 lbs. 51.00-52, lot 2-3 270 lbs. 50.50, lot 2-4 300 lbs. 48.00, 1-3 105-170 lbs. 38.00-40.50. US No. 1-3 300-600 lbs. sows 48.00-51.00, few 2-3 350-500 lbs. 46.00-48.50. Boars 35.00-38.00.

FEEDER PIGS 14...Few US No. 1-3 30 lbs. feeder pigs 23.50, few 60-80 lbs. 38.00-43.00 — all per head.

SHEEP 109...Lot High Choice 81lbs. wooled slaughter lambs 72.00, Choice 80-100 lbs. 62.00-65.00, lot 117 lbs. 52.50, Good & Choice 55-78 lbs. feeder lambs 69.00-74.00. Slaughter sheep 24.00-30.00.

GOATS 9...12.00-32.00 – per head.

Greencastle Livestock

Greencastle, Pa.
Monday, Dec. 8

CATTLE 828. SLAUGHTER STEERS: Choice & Prime 61.00-63.50, few to 66.10; Good & Choice 55.00-59.50, few to 61.75; Good & Choice — Holstein 48.00-53.75; Standard & Good — Holstein; — 42.00-48.25.

SLAUGHTER HEIFERS: Choice 57.00-61.50, few to 63.00; Good & Choice 52.00-58.50; Standard & Good 44.00-52.50.

COWS: Utility & Commercial 35.00-38.25, few to 40.00; Cutter & Boning Utility 32.50-37.00, few to 39.00; Canner & Low Cutter 33.50 & down.

BULLS–ALL WEIGHTS: Yield Grade 1 46.00-50.00, few to 52.00; Yield Grade 2 38.50-46.50.

STOCKER CATTLE--ALL WEIGHTS. Steers — Medium & Good 49.00-59.00; Heifers — Medium & Good 44.00-52.00; Bulls — Medium & Good 45.00-53.00; Steers — Holstein 36.00-44.00.

CALVES 492. Good & Choice — 125 to 250 pounds 70.00-85.00, few to 92.00; Medium & Good — 125 to 250 pounds 55.00-71.00; Medium & Good — 80 to 120 pounds 47.00-59.00; Light & Cull — all weights 47.00 & down; Holstein Bulls — return to farm up to 98.00; Holstein Heifers — return to farm up to 60.00.

LAMBS, SHEEP & GOATS 53. Choice Lambs 62.00-66.00; Medium & Good Lambs 55.00-62.00; Light & Cull Lambs 48.00-62.00; Sheep, Ewes & Bucks 22.00-29.00; Goats — all sizes (by head) 12.00-50.00.

HOGS 120. No. 1-3 Butcher Hogs — 190-225 pounds 54.80; No. 1-3 Butcher Hogs — 225-250 pounds 53.00-55.50; No. 1-3 Butcher Hogs — 250-300 pounds 48.00-53.00; Good Butcher Sows — 400 pounds down 45.00-49.50; Good Butcher Sows — 400 pounds up 43.00-47.50; Heavy Boars — over 300 pounds 38.00-39.25; Pigs–all sizes (by head) 20.00-36.00.

Sale every Monday afternoon at 3:30 p.m.; 28 loads Hay & straw sale every Monday at 1:00 p.m.

Alfalfa 125.00-155.00/ton.
Mixed 105.00-145.00/ton.
Straw 90.00/ton.

Keister's Middleburg Livestock Auction

Middleburg, Pa.
Tuesday, December 9, 1986
Report Supplied by PDA

CATTLE 502... REPORT IS SUPPLIED BY AUCTION . Compared with last week's market: High Choice & Prime slaughter steers 62.00-64.25, Choice 58.00-62.75, Good 53.50-58.00, Standard 48.00-53.50, Utility 45.00-48.00; Good holsteins 47.00-53.25, Standard 43.00-49, Utility 38.00-43.00. Choice slaughter heifers 56.00-57.85, Good 52.00-55.75, Standard 45.00-52, Utility 38.00-45.00. Breaking Utility and Commercial slaughter cows 36-39.10, few 43.50, Cutter and Boning Utility 35.00-38.75, Canner and Low Cutter 32.00-35, Shells down to 28.00. Choice slaughter bullocks 50.00-52.75, Good 48.00-50.00. Yield Grade No. 1, 1200-2110 lbs. slaughter bulls 45-49.35, No. 2, 800-1200 lbs. 40.00-45.00. Feeder Cattle: No Weights Few Steers 40.00-45.00. Few Heifers 35.00-50.00. Few Bulls 35.00-50.00.

CALVES 210...Choice vealers 70.00-88.00, Good 58.00-68.00, Standard and Good 90-110 lbs. 48.00-58.00, 60-90 lbs. 35.00-48.00. Farm Calves: Holstein Bulls 90-125 lbs. 60.00-85.00.

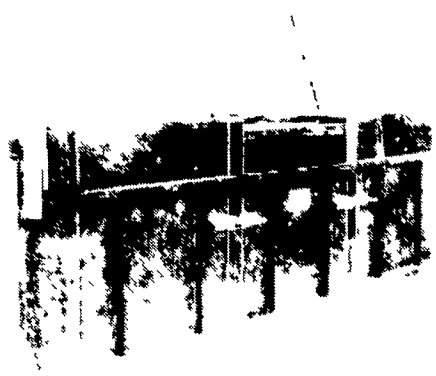
HOGS 653...US No. 1, 215-240 lbs. barrows and gilts 56.75-57.25, 1-2 215-245 lbs. 55.00-56.75, 1-3 200-250 lbs. 54.00-55.00, 2-3 190-270 lbs. 49.00-54.00. US No. 1-3 280-650 lbs. sows 43.00-46.50, 2-3 280-550 lbs. 35.00-43.00. Boars 39.50-42.00.

FEEDER PIGS 493...US No. 1-3 25-35 lbs. feeder pigs 32.00-44.00, 35-50 lbs. 44.00-61.00 — all per head.

SHEEP 33...Choice 90-110 lbs. wool slaughter lambs 60.00-65, few 75.00, Good 60-90 lbs. 52.00-60.00. Slaughter ewes 18.00-26.00.

GOATS 0...No market test.

MARYLAND TOBACCO



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The December quarterly hogs & pigs report will be released on Dec. 22nd

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CONTRACT TARGETS....

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SALE TIME:
1 PM, Monday, December 15th

Eric Probst
Mgr.

PARADISE TOBACCO SALES

Henry Eby
Sales Rep.

Bring your tobacco in until sale time.
Watch it being sold and pick up your check

Next Sale Dates	Thurs., Dec. 18th 9 AM Mon., Dec. 22nd 1 PM

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Why you should market your tobacco thru the Paradise Tobacco Auction

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- Deliver Tobacco Anytime, 5 Days A Week From 7 AM To 5 PM
- Top Dollar For Your Tobacco
- Honest Weight

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Type 41 and/or 609 - 20¢ per lath.

Paradise Tobacco Sales
Paradise, PA 17562
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VIRGINIA MARKETS

Livestock market and auction news

Shenandoah Valley Livestock

Harrisonburg, Va.
Saturday, Dec. 6
Report supplied by auction

FEEDER CATTLE TREND: STEERS: Steady. M&L-1 200-300 lbs. 65.00-69.50; 300-500 lbs. 58.50-69.00; 500-700 lbs. 54.00-63.00; 700-1000 lbs. 49.00-57.00; Holstein 300-1000 lbs. 39.50-46.00. S-L&M&L-2 200-300 lbs. 53.50-61.00; 300-500 lbs. 54.00-60.50; 500-700 lbs. 45.00-56.00; 700-1000 lbs. 43.00-53.00.

FEEDER BULLS: Steady. M&L-1 300-500 lbs. 52.00-61.00; 500-700 lbs. 45.00-53.75; 700-800 lbs. 40.00-44.00. S-L&M&L-2 300-500 lbs. 52.00-58.00.

HEIFERS: $2.00 Higher. M&L-1 300-500 lbs. 46.00-55.00; 500-700 lbs. 48.00-55.00; 700-1000 lbs. 45.00-53.00. S-L&M&L-2 300-500 lbs. 42.00-47.00; 500-700 lbs. 41.50-45.00.

STOCK COWS: Baby Calves: 20.00-94.00 Large 75.00-94.00; Small 20.00-70.00.

SLAUGHTER COWS TREND: Steady. Utility & Commercial 2-4 28.00-37.50; Canner & Cutters 1-3 25.00-30.00.

SLAUGHTER BULLS: 1&2 37.00-43.25.

LAMBS: Trend Slg. Lambs $1.25 Higher; Feeder $5.00 Higher. Blue 0 High Choice & Prime 62.50; Red O Choice 61.50; Feeder Lambs Choice 69.50-75.00; Slaughter Ewes 22.00-31.50.

HOGS: US 1-3 200-240 lbs. 52.35; Sows 1-3 43.50-46.00; Boars 30.00; Home Slaughter Hogs 300-500 lbs. 44.50-57.00.

SLAUGHTER CALVES: Good & Choice 44.00-52.00.

Virginia Cattle

Richmond, Virginia
Northern, Va.
Thurs., Dec. 4 to
Wed., Dec. 10, 1986
Report Supplied by VDA
Head Count: 8,950
Trend: Uneven; 1.00 higher to 2.00 lower.

STEERS: Medium 1 300-500 lbs. 57.00-69.00; 500-700 lbs. 52.00-64.00; 700-1000 lbs. 49.00-61.50. Large 1 300-500 lbs. 59.50-68.50; 500-700 lbs. 53.50-64.25; 700-1000 lbs. 51.00-62.25. Small 1 300-500 lbs. 50.00-64.50; 500-700 lbs. 45.00-59.50; 700-1000 lbs. 45.00-55.25.

HEIFERS: Medium 1 300-500 lbs. 45.00-55.00; 500-700 lbs. 43.50-55.00; 700-900 lbs. 41.50-52.75. Large 1 300-500 lbs. 48.50-55.75; 500-700 lbs. 49.00-56.75; 700-900 lbs. 45.00-54.00. Small 1 300-500 lbs. 41.00-51.75; 500-700 lbs. 42.00-49.75.

South & Southwest Va.

STEERS: Medium 1 300-500 lbs. 66.00-79.00; 500-700 lbs. 54.00-65.50; 700-900 lbs. 52.00-61.25. Large 1 300-500 lbs. 63.50-73.00; 500-700 lbs. 57.00-61.00; 700-900 lbs. 50.00-61,50. Small 1 300-500 lbs. 52.00-65.50; 500-700 lbs. 50.00-59.50; 700-900 lbs. 55.25.

HEIFERS: Medium 1 300-500 lbs. 50.00-60.50; 500-700 lbs. 48.50-58.50; 700-900 lbs. 45.00-54.00. Large 1 300-500 lbs. 50.50-60.50; 500-700 lbs. 50.00-58.00; 700-900 lbs. 48.50-55.50. Small 1 300-500 lbs. 45.00-54.50; 500-700 lbs. 45.00-58.50.

Valley Livestock

Athens, Pa.
Monday, Dec. 8
Report supplied by auction

Holstein Hfr. Calves 50.00-60.00.
Veal Calves 65.00-97.00.
Vealer Bull Calves 80.00-101.00.
Slaughter Calves 45.00-55.00.
Grassers & Feeders 30.00-45.00.
Lambs 50.00-65.00.
Sheep 15.00-25.00.
Hogs, 200 to 250 48.00-53.00.
Sows 38.00-44.50.
Boars 32.00-34.50.
Pigs each 18.00-40.00.
Heifers 36.00-39.50.
Steers Common to 36.00.
Steers, feeder 33.50-50.00.
Bulls 38.00-48.25.
Cows, utility 36.00-38.00, Top 40.75.
Cows, fat 35.00-38.00.
Cows, medium 33.00-34.00.
Cows, poor or small 25.00-32.00.
Cattle Market steady.
Calf Market steady.
Horses small to 85.00.
Ponies small to 85.00.
Goats 15.00-53.00.
Feeder Sale 1st Monday of Each Month.
Dairy Sale 3rd Thursday of Each Month.

North Jersey Market

Hackettstown, N.J.
Tuesday, Dec. 9, 1986
Hay—Straw & Grain Report

Mixed 2.00/bale.
Total 1 Lot.

Hackettstown Poultry & Egg

Hackettstown, N.J.
Tuesday, Dec. 9
Report Supplied by Auction

Heavy Fowl .20-.50.
Leghorn Fowl .03-.07.
Medium Fowl .20.
Roasters .30-.55.
Bantam .05-.45.
Pullets .25-1.05.
Bunnies ea. .75.
Geese .25-2.00.
Ducks .20-.80.
Rabbits .35-.1.60.
Pigeons 1.20-2.40.
Guineas 1.60-1.65.

Eggs
White
Grade A

Jumbo X Lge. .70-.98; Large .52-.78; Medium .45-.65.

Brown

Jumbo X Lge. .98-1.10; Large .87-1.00; Medium .72-.82.

East Coast Carlot

Wednesday, Dec. 10, 1986
Report supplied by USDA

Compared to Tuesday's close: Choice and prime special fed veal generally steady. Good and choice boning veal steady, inshipped steady to firm, both in limited test. Choice and prime lamb steady with last week in limited test. No recent comparison available for boneless beef.

Choice & Prime
(Special Fed)
100 Head

220-280 lbs. 158.00-165.00, generally steady.

Good and Choice
Boning Type
Northeastern Suppliers
172 Head

65-75 lbs. LTD 82.00, steady; 55-64 lbs. LTD 80.00; 45-54 lbs. LTD 78.00; 35-44 lbs. LTD 76.00; 34 lbs. down LTD 74.00.

Inshipped
300 Head

71-80 lbs. LTD 83.00, steady to firm; 61-70 lbs. LTD 81.00; 51-60 lbs. LTD 79.00; 41-50 lbs. LTD 77.00; 30-40 lbs. LTD 75.00.

Boneless Beef
15 Loads
(U.S. & Canadian Origin)

85% Chem lean fresh 91.00, no comparison.

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6 Possum Bottom Tractors and Trailers
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HATFIELD PACKING CO. and MOYER PACKING CO.
Will Receive Your Hogs and Cattle at the
DANVILLE LIVESTOCK MARKET
RD 4, Danville, PA

- We will receive your hogs from 8 AM to 12 Noon every Monday. Your hogs will be weighed and paid for immediately.
- We will also accept your sows & boars.
- Your cattle will be received from 12:30 to 5 P.M. We will either pay you for your cattle immediately or you may sell them dressed weight.
- There will not be a commission or yardage fee deducted from your check.
- You may call our office Monday morning and we will be able to tell you the base price for hogs for the day.

MELVIN M. LEHMAN - Owner
Danville Buying Station
Phone: 717-275-2880

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HATFIELD PACKING CO. Will Receive Hogs
AND
MOYER PACKING CO. Will Receive Cattle
At The
BLAIR-BEDFORD BUYING STATION
RD 1 Martinsburg, Pa
MONDAYS - Hogs 8 AM to 11:30 AM
Cattle & Calves 8 AM to 3 PM
THURSDAYS - Cattle & Calves 8 AM to 3 PM

- No commission or yardage fees deducted from check
- Livestock weighed and paid for immediately
- You may call our office sale day for prices

DALE R. HOOVER - Owner
Business 814-793-3077
Residence 814-793-2657

NOTICE
Greencastle Livestock Market, Inc.
SPECIAL HOLIDAY SALE!
Saturday, December 27, 1986
Starting at 2:00 p.m.
Due to Christmas being on Thursday and Livestock Markets being closed — there will be a good demand for ALL livestock.
Our regular sale will be on Monday as usual.
- Thank you for your support -
MERRY CHRISTMAS AND HAPPY NEW YEAR!
FROM... Jeff Craig & Employees of Greencastle Livestock Market, Inc.

HAY & STRAW SALE
12:00 Noon
Every Wednesday
Westend of Avondale at the intersection of Baltimore Pike and Route 41.
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Lancaster Farming

OPINION

Dairy Of Distinction Says This Is Where Milk Comes From

In the Dairy of Distinction program we have a unique opportunity to take advantage of the consumers' already developed nostalgia for the farm. Deep inside, the general public knows their roots are in the soil. And intuitively the public senses they can't long continue to suck the life blood out of the farm with below cost food prices. People empathize with farmers. And they like the farm.

So to recognize farms that keep their homesteads beautiful and give a good impression to all milk drinkers who drive past the farm is an excellent idea. This gives us another opportunity to put pictures (both word and photo) of nice looking farms into the public eye via the public media. Soon local district committees in Pennsylvania will be named and will meet to get the program under way. If you are asked to serve on a committee, by all means take the opportunity to serve your fellow neighbors and the positive outlook this program gives to dairy farmers.

While the program is low budget, Pennsylvania now has its own treasurer to accommodate those persons and organizations who have a concern that milk promotional moneys get used only in Pennsylvania. With the state organization in place, we can begin our own program here and still retain communication ties in the larger northeast regional organization. The chance to talk across state and organizational lines is one of the important contributions this program can make to the dairy industry. When people work together, they get together.

We have an excellent precedent to follow in New York state. Their program has been in operation long enough to recognize more than 300 farm. They have the "bugs" worked out of the program. And farmers who have received the honor feel a sense of usefulness in promoting milk right at home. These farmers often share a comradeship with fellow farm family winners. And when they decide to sell the farm, they often mention on the sale bill that their farm is recognized as a Dairy of Distinction.

Since Pennsylvania has 10 districts and each district will be allowed to recognize approximately 10 farms each year, we would expect that by May of 1987, we will have 100 pretty dairy farms in Pennsylvania with attractive signs along state roads and super highways that say, "This farm has been designated a Dairy of Distinction by our fellow neighboring dairymen. Our pretty farm is the kind of place where your milk comes from."

Well, the signs don't say all of that. But that's what they mean.

NOW IS THE TIME

By Jay Irwin
Lancaster County Agriculture Agent

To Sort Tobacco

Tobacco stripping is underway in this part of the state and many hours will be spent removing the leaves from the stalk. The days of special handling and sizing seems to be over; however, it is still very important that growers sort the injured and ground leaves from the good tobacco. This will be required if the crop is being sold on grade.

With some "pull off" crops this is less important. On the other hand, growers should be fair enough to sort out the undesirable leaves. If this is not done, the buyer will be unhappy and look elsewhere for tobacco supplies. Some sorting is necessary with every crop regardless of the method of selling.

To Check Barn Ventilation

Proper ventilation of all types of livestock and poultry buildings is very important during the winter months. When the warm, moisture-laden air is not moved out of the area, we usually see condensation on the windows, walls and ceilings. This is especially true with little or poor insulation.

Exhaust fans will move air out, and protect the building. This time of year the barns are filled with livestock; these animals give off large amounts of body fat. When condensation occurs, it is a sign that some attention is needed. In most cases it is a problem with ventilation or with insulation.

To Use A Real Tree For Christmas

This is the time of year that most people are considering the type of Christmas tree to buy. And I hear objectives to using real trees as being wasteful. So let's take a look at this situation.

Actually, the Christmas tree farmer is raising trees as a crop, and a source of income. This is much the same as the farmer who raises wheat, corn or soybeans to sell or use on his own farm. Christmas trees are raised on land not suited for other crops — not even pasture land. It's mostly rolling land and highly acid.

Also, remember that these Christmas tree farmers are putting this land to good use by conserving the soil and providing an excellent water shed. Keep in mind that Christmas tree farmers have a very slow turnover in their capital — from the time they plant the tree till it's ready for your living room can be from five to six years for small trees and 10 to 15 years on the larger trees. Another fact to consider is there is nothing like the fresh aroma of a real tree in your home during the Christmas season.

To Protect Trees and Shrubs

Your trees and shrubs will be able to withstand the winter conditions in better shape — with a little help from you. Some winter protection might help save your valued trees and shrubs.

Thin-barked trees can be damaged by sunscald in the winter. That's why it's a good idea to wrap the trunks of such trees as sugar maple, tulip tree, American linden, flowering dogwood and plum. You can wrap them now, but be sure to take the wrapping off late next spring. You can use commercial tree wrapping, starting at the ground level and working up the tree, overlapping about every half inch. Tie the wrap with twine or use a waterproof tape several places along the stem.

Smaller ornamentals should be mulched; this will not keep the soil from freezing but it helps keep the soil frozen to prevent root injury caused by alternate freezing and thawing of the soil. The mulch should be loose, but it should stay where you put it. Shredded bark does a good job.

Farm Calendar

Saturday, December 13
Pa. Flying Farmer Christmas Party, 6 p.m., Belleville Mennonite School.

Sunday, December 14
Farmland Preservation Breakfast, Family Style Restaurant, 2323 Lincoln Highway East, 8 a.m. to 1 p.m.

Tuesday, December 16
Rutgers Pest Control Conference; field, forage and vegetables, Quality Inn, U.S. Route 1, North Brunswick; continues tomorrow.

Ephrata Area Young Farmers' Association Christmas party, 7:30 p.m., Ephrata Junior High School.

Wednesday, December 17
13th Annual Mid-Atlantic No-Till Conference, York County Fairgrounds.

Friday, December 19
Keystone Shepherds Forum, Ramada Inn, Somerset; continues through Dec. 20.

THE BIBLE SPEAKS

BY LAWRENCE W. ALTHOUSE

NOT "UNTIMELY BORN"
December 14, 1986

Background Scripture:
1 Corinthians 15:1-8; Luke 1:1-4; John 20: 30, 31; 1 John 1:1-4.
Devotional Reading:
John 21:24,25.

The Apostle Paul makes a very curious statement in telling the church at Corinth about the source of his Christian experience and gospel. Speaking of Christ's appearances to the various disciples, he concludes, "Last of all, as to one untimely born, he appeared also to me" (1 Cor. 15:8). What did he mean by "untimely born"? Scholars are not certain, but it would seem that his words must be a reflection upon a criticism that was almost surely leveled at him: although he was presuming to preach the Good News like Christ's other disciples, he had, in fact, come along too late to ever have known Jesus in the days of his earthy ministry. How could he preach with authority when he had never met, let alone sat as a disciple of, Jesus Christ?

EYEWITNESSES

Paul's problem with this is also our problem. Like him, we are not what the other disciples of Jesus most certainly were: eyewitnesses. Much of what we find in the gospels is based in some way upon eyewitness experience. Luke tells us that his narrative is based upon the testimony of those "who from the beginning were eyewitnesses..." (Lk. 1:2) and John says that his gospel is dependent upon some of Jesus's "signs in the presence of the disciples" (John 20:30). We are dependent, to some extent, upon the witness that is passed on to us by those who were eyewitnesses. So we acknowledge that our faith rests in part upon that, as John puts it, "Which we have heard" (1 John 1:1).

But there can be and must be more to our faith than what we have heard from others, important as that might be. Paul speaks not only of what the other disciples have seen of the resurrected Christ, but also that "he appeared also to me" (1 Cor. 15:7). Although Paul had never met Jesus of Nazareth, he did experience the Risen Christ on the road to Damascus—and that, along with what he had "also received" from Peter, the twelve and others, formed the basis of his ministry. What he heard from others and what he experienced himself—that was his authority. And is it not ours, too.

TO KNOW HIM

Our Christian faith is not to be founded merely upon what we have heard from others, important though that may be. In fact, what we heard from others is meant to enable us to experience Christ for ourselves. The words that the writer of the Fourth Gospel put together "were written that you may believe that Jesus is the Christ, the Son of God, and that believing you may have life in his name" (John 20:31). The gospels were written, not just so that we may know about the Christ, but that we might know him ourselves.

That doesn't mean that we will all "know him" in the same way. Even the disciples whom Paul referred to had different experiences of the Risen Christ and reported those experiences in different ways. Although we may not meet him as Paul did on the Damascus road, Paul expects that we will know Christ just as he did. John also refers to this when he says, "...that which we have seen and heard we proclaim also to you, so that you may have fellowship with us; and that our fellowship is with the Father and with his Son Jesus Christ" (1 John 1:3).

Thus, when it comes to experiencing the Christ, no one is "untimely born."

(Based on copyrighted Outlines produced by the Committee on the Uniform Series and used by permission. Released by Community & Suburban Press.)

FARM FORUM
OUR READERS WRITE

Dear Editor:
A well-known picture that I am sure most of us have seen is of an elderly man with his head bowed saying grace for a small loaf of bread and a glass of water. Yet today I read in the Lancaster Farming that they have collected nearly $95,000 beef tax in Pennsylvania alone.

The pork tax must have been at least half that much. Yet at this time of giving I have yet to see one ad that says "this year give beef or pork". And if you think for one minute elderly people don't appreciate this type of gift, we have done it for years.

I have found clothes, ties, cologne and pins left after everyone went home, but I have yet to have anyone forget their meat or eggs. It would be better yet to buy $150,000 worth of ground beef and sausage and give it away because I am sure the people who write our ads are eating lobster and caviar. Then maybe next year we will find a picture of an elderly person with a loaf of bread and a glass of water and a small piece of meat.

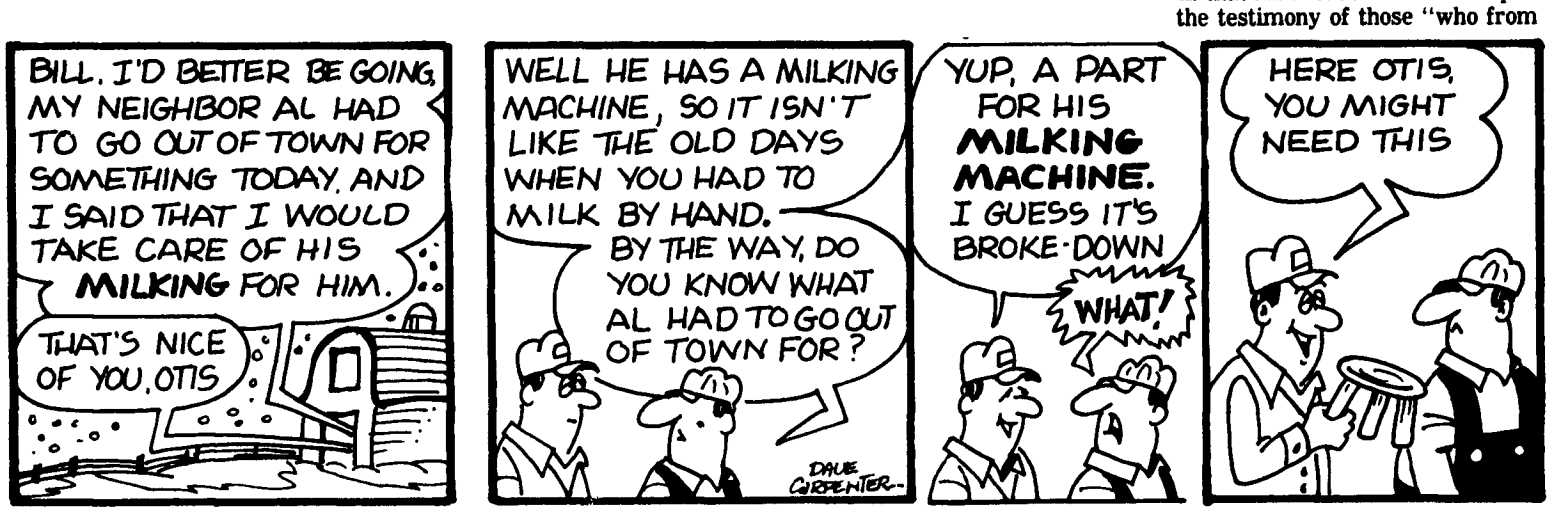
Thank You,
Ben G. Housman
Middletown, PA

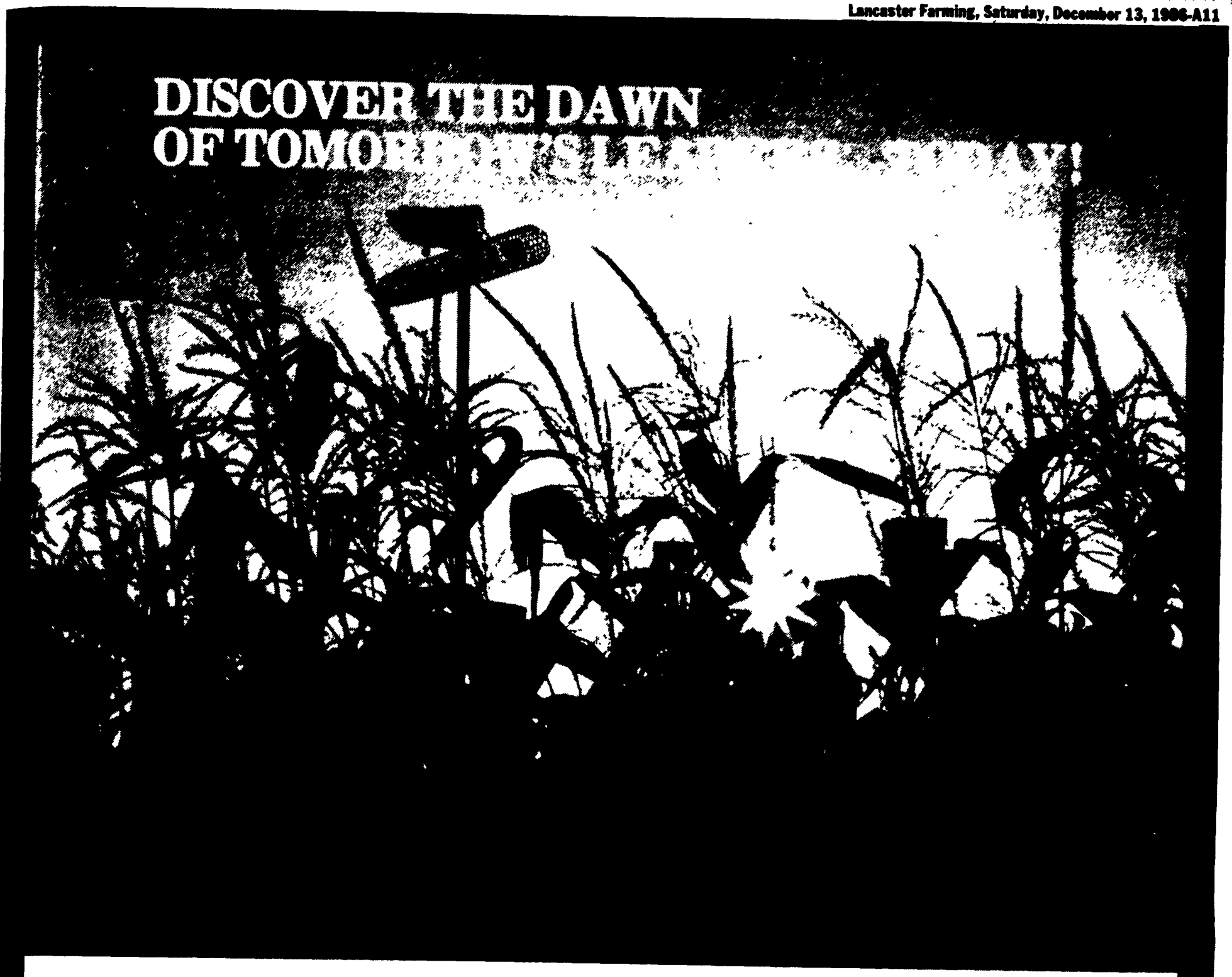
Dear Editor:
My brother is a subscriber of this newspaper and I read your "Farmers Almanac" where you answer inquiries on different subjects.

I would appreciate it if you or any of the readers could please send me some simple and easy intructions how to make plain, sturdy brooms from home-grown broom corn.

I feel that possibly someone in the Lancaster area knows how to make brooms at home, and I hope they would share this information or advise where I can obtain it.

Sincerely,
Miss Maria Sliiva
Lehighton


BILL, I'D BETTER BE GOING, MY NEIGHBOR AL HAD TO GO OUT OF TOWN FOR SOMETHING TODAY, AND I SAID THAT I WOULD TAKE CARE OF HIS MILKING FOR HIM.
THAT'S NICE OF YOU, OTIS
WELL HE HAS A MILKING MACHINE, SO IT ISN'T LIKE THE OLD DAYS WHEN YOU HAD TO MILK BY HAND.
BY THE WAY, DO YOU KNOW WHAT AL HAD TO GO OUT OF TOWN FOR?
DAVE CARPENTER
YUP, A PART FOR HIS MILKING MACHINE. I GUESS IT'S BROKE-DOWN
WHAT!
HERE OTIS, YOU MIGHT NEED THIS



T 1100

NCGA Champ - Widely Adapted

A partial list of T 1100's NCGA contest wins last year includes 1st place honors in Delaware's irrigated, non-irrigated, no-till irrigated, and no-till non-irrigated classes. It also earned 1st and 2nd place non-irrigated in Massachusetts; 1st place in Maryland's no-till irrigated class, plus 2nd place in irrigated, non-till irrigated and no-till non-irrigated; and 2nd and 3rd place no-till non-irrigated in New Jersey.

- Excellent yield performance
- Strong stalks and roots
- Very good plant health
- Very good stress tolerance
- Consistent performer
- 110-day relative maturity

DK 636

A Vigorous Producer of Quality Grain

One of our most vigorous hybrids, DK 636 is gaining lots of attention. It develops quality with fast, early growth. DK 636 features excellent stalk strength and extremely healthy plants. Come harvest, this medium-tall hybrid shells out big yields of dry grain. Food corn millers like the high test weight and quality grain of this top-notch hybrid.

- Excellent yield for maturity
- Gives good response at high or low populations
- Strong stalks and ear retention
- Excellent plant health
- Excellent drydown
- 113-day relative maturity

DK 656

Top Hybrid in NCGA

Here's another NCGA contest winner. DK 656 took 1st place in the irrigated, non-irrigated and no-till non-irrigated classes in Pennsylvania; 1st place non-irrigated in Maryland; and 2nd place non-irrigated in Delaware and New Jersey. Plus, this hybrid captured 25% of the top places in the national contests. It performs well under drought and heat, has very good plant health, and still offers fast grain moisture drydown.

- Outstanding yields
- Very good early-season growth
- Very good stalk strength
- Very good drought tolerance
- Excellent drydown
- 115-day relative maturity

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Livestock market and auction news

Four States Livestock

Hagerstown, Md.
Wednesday, Dec. 10
Report supplied by Auction

SLAUGHTER: Fed Steers- 1.50 lower. Choice 59.00-61.25; Good 54.00-58.00; Medium 48.00-53.00. Heifers- Medium 35.00-40.00. Cows- Good Run Mostly Steady Prices. High Yield 37.00-39.50; Average 33.00-36.00; Big Middle 28.00-32.00; Fatty Herf. 28.00-33.00; Shelly 30.00-Down. Fat Bulls- $1 Lower. Good 44.00-46.25; Medium 40.00-43.00. Veal Calves- Steady to 1.00 lower. Choice 65.00-67.00; Good 60.00-64.00; Medium 52.00-59.00; Farm Bulls- 75.00-91.00; Light Calves- 44.00-51.00; Weak Calves- 43.00-Down. Lambs- Strong demand Choice & Good 63.00-68.50; Medium and 60.00-63.00.

STOCKER: Steady prices. Steers- 300-550 lbs. Choice 57.00-60.00; Good 52.00-56.00; Medium 47.00-51.00; Culls 46.00-Down. Steers- 600-850 lbs. Choice 54.00-58.00; Good 49.00-53.00; Medium 44.00-48.00. Heifers- (All Weights)- Choice 47.00-50.50; Good 42.00-46.00; Medium 37.00-41.00. Springing Heifers 360.00-600.00. Pigs, Hd.- 135 head, active 1.00 higher. 20-30 lbs. 21.00-35.00; 30-60 lbs. 36.00-50.00, 70-100 lbs. 51.00-61.00; Shoats By Lb. 120-160 lbs. 45.00-57.00; Slaughter Hogs- 1.00 lower. 220-245 lbs. 51.00-53.50; 300-375 lbs. 40.00-45.00. Sows- 1.00 lower. 450-680 lbs. 41.50-44.50; Thin Sows 38.00-40.50. Bulls- Good 46.00-49.00; Medium 40.00-45.00.

Christmas Schedule: No Sale Dec. 24 at Hagerstown. However we will receive cows and calves Mon. and Tues., Dec. 22 and 23 until 4 p.m. and trade them to our Federick and Westminster sales as a service to you. Sale as usual Wednesday, Dec. 31.

Frederick Livestock

Monday, Dec. 8, 1986

BUTCHER COWS: Good run $.50 higher. Good 36.50-37.75; Standard & Utility 32.00-36.00; Canners 28.00-31.00; Shelly 30.00-Down.

BULLS: $1 higher. Good 43.00-44.75; Medium 39.50-42.00.

STEERS: Good 45.00-47.75; Standard 42.00-44.00.

HEIFERS: Medium to good 37.00-40.25.

BUTCHER HOGS: Steady prices. 230-250 lbs. 53.50-54.50; 260-290 lbs. 50.00-53.00.

SOWS: 500-720 lbs. 43.00-47.50; thin sows 35.00-42.00.

VEAL CALVES: No choice offered. Good 55.00-60.00; Standard 51.00-54.00; Stocky & Thin 45.00-50.00; Light Calves 44.00-51.00; Weak & Rough 43.00-Down.

CALVES RETURNING TO FARM: Bulls $8 higher.

HOLSTEIN HEIFERS: 90-120 lbs. 52.00-56.00.

HOLSTEIN BULLS: 90-100 lbs. 65.00-80.00; 105-115 lbs. 85.00-97.00.

LAMBS: Good & Choice 58.00-59.50; Medium 1 lot 61.00.

STOCK CATTLE: Large run, steady to $1 lower. Steers- Choice 56.00-57.00; Good 51.00-55.00; Medium 45.00-50.00. Heifers Choice 45.00-50.00; Good 40.00-44.00; Medium 35.00-39.00. Bulls- Choice 55.00-59.00; Good 50.00-54.00; Medium 44.00-49.00; Dairy Cows 400.00-510.00.

SPRINGING HEIFERS: 350.00-525.00.

PIGS & SHOATS: 1.50 higher. By The Head 30-45 lbs. 27.00-39.00; 50-60 lbs. 40.00-59.00. By The Lb. 165-185 lbs. 42.00-46.00.

Peoria Cattle

Thursday, Dec. 11, 1986
Report Supplied by USDA

Compared with last weeks close slaughter steers and heifers closed 2.00 to 3.00 lower, selling 2.00 to 2.50 lower Monday and declining further Wednesday. Slaughter Heifers closed mostly 2.50 lower, instances 3.00 lower. Cows closed steady to 1.00 lower. Bulls 1.00 lower. Supply mainly good to average choice slaughter steers and heifers with 18% cows. Estimated receipts this week about 2300 as compared with actual receipts 2063 a week ago and 1936 a year ago.

SLAUGHTER STEERS: Choice 2-4, mostly 3 1050-1250 lbs. 58.50-61.00, few mostly yield 2 1285-1400 lbs. 62.00; 975-1050 lbs. 58.00-60.50 mixed good and choice 2-3 1000-1200 lbs. 54.00-59.50. Good 2-3 900-1100 lbs. 54.00-57.50. Good and Choice 2-3 Holsteins 1150-1300 lbs. 51.00-53.00. Standard and Good Holsteins 45.00-51.00.

SLAUGHTER HEIFERS: Choice 2-4, mostly 3 950-1150 lbs. 56.50-59.50, part load and package 60.00-60.50; 875-950 lbs. 56.00-59.00. Mixed good and choice 2-3 900-1100 lbs. 56.00-57.50. Good 2-3 800-1000 lbs. 53.00-56.50.

COWS: Breaking utility and commercial 2-3 32.00-35.00. Cutter and boning utility 1-2 30.00-34.00. Canner and low cutter 28.00-32.00.

BULLS: YG 1-2 1500-1950 lbs. 39.00-43.00; 1300-1500 lbs. 37.00-41.00.

Penns Valley Livestock

Centre Hall, Pa.
Tuesday, Dec. 9
Report supplied by Auction

Beef Cows: Utility and Commercial 36.25-39.50; Cutters 34.25-36.00; Canners 31.25-33.75; Shells 28.00.

Heifers: Commercial 37.50-40.00.

Steers: Choice 55.00-57.25; Good 51.00-53.75; Standard 46.75-51.00.

Bulls: Good 44.00-46.50; Standard 43.00-44.50.

Feeder Cattle: 300-500 lbs. large frame 40.50-46.50; 300-500 lbs. small frame 41.00-44.00; 500-700 lbs. large frame 41.00-46.00; 500-700 lbs. small frame 40.00-44.00.

Veal Calves: Choice 65.00-81.00; Good 54.00-64.00; Standard 41.00-51.00; Utility 35.00-40.00.

Farm Calves: Bulls 65.00-89.00; Heifers 60.00-66.00.

Sows: 43.00-45.50.

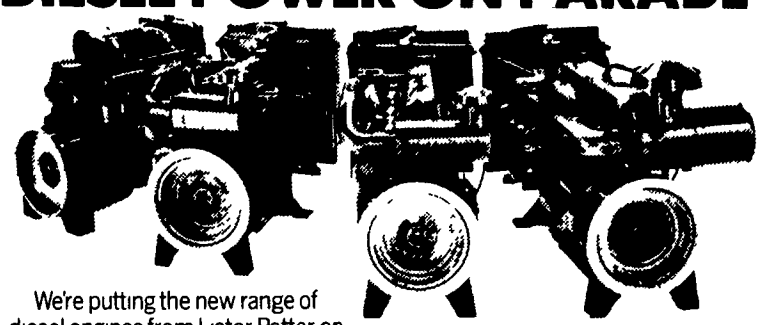
Boars: 35.00-38.25.

Shoats: 25-30 lbs. per head 23.00-31.00; 30-35 lbs. per head 32.00-40.00; 35-50 lbs. per head 42.00-46.00.

Sheep: 18.00-23.00.

Goats per head: 29.00-45.00.

SEE THE NEW FORCE IN DIESEL POWER ON PARADE



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You're invited to see just how powerful, fuel efficient and well-designed these five engines are Water cooled, they offer continuous power outputs from 34 2 to 132 bhp (25 5 to 98 5 kW), and come with the assurance of total reliability you expect from Lister-Petter

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DIESEL AND REFRIGERATION SERVICE

LISTER PETTER

PENNSYLVANIA TOBACCO AUCTION, INC.

Farmers, Our next sale is scheduled for 9:30 a.m. December 15 at Intercourse, PA.

PLEASE DON'T PANIC WITH YOUR TOBACCO!!

We should have a better market soon. Bring your tobacco in and be ready for the market. PA Tobacco Auction is here solely for the farmer. We have committed ourselves to making a better tobacco market for you. We want to be YOUR tobacco auction and are here to serve you. Please strip your tobacco as dry as possible. Grade into tops, middles, bottoms & outgrades. Keep the green out! This should give you top price for your tobacco. Please call either location for information regarding the Tobacco Auction.

NEED TRUCKING? CALL PTA

Quarryville Location
Pumping Station Rd.
717-786-8500

Intercourse Location
717-768-7100

Coming in January

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Livestock market and auction news

Farmers Livestock Auction

Duncansville, Pa.
Monday, Dec. 8, 1986
Report supplied by auction

CATTLE 321. STEERS: H. Choice & Prime 60.00-62.75; Choice 58.50-61.25; Good 53.50-57.75; Standard 39.50-47.75.

HEIFERS: Choice 54.50-58.75; Good 44.50-53.75.

COWS: Utility & Commercial 40.25-42.75; Cutters 36.50-39.50; Canner & Low Cutter 29.50-36.25.

BULLOCKS: Good & Choice 45.00-51.75.

BULLS: Yield Grade No. 1 40.25-45.75.

FEEDER CATTLE: Steers Good 54.00-58.50; Standard 37.00-48.50; Bulls Good 49.50-53.50; Standard 36.50-44.50; Heifers Good 44.00-52.50; Standard 30.00-43.00.

CALVES 405. Prime None; Choice 74.50-82.00; Good 60.00-71.50; Standard & Good 45.00-58.50; 90-110 lbs. 48.50-61.00; 65-90 lbs. 38.50-51.00; Holstein Bulls 90-130 lbs. 72.50-105.00; Holstein Heifers 90-130 lbs. 52.00-63.00.

HOGS 250. US No. 1-2 210-250 lbs. 55.00-55.75; US No. 1-3 210-260 lbs. 53.00-54.75.

SOWS: US No. 1-3 42.50-48.75.

FEEDER PIGS 78. US No. 1-3 20-35 lbs. 30.00-37.50 per head; No. 1-3 35-50 lbs. 36.50-43.00.

SHEEP 12. Slaughter lambs Choice 90 lb.-110 lb. 62.50-67.50; Good 50 lb.-65 lb. 62.00-78.00. Sl. Ewes 18.00-24.50; 5- Goats $12.00-$53.00.

6- Loads of Hay mixed $79.00-$127.00 per ton.

New Wilmington Livestock Auction

New Wilmington, Pa.
Monday, December 8, 1986
Report Supplied By PDA

CATTLE 390...PDA. Compared with last Monday's market: Slaughter cows $1 to $1.50 lower. Few Choice slaughter steers 58.00-61.00, few Good 53.00-56.25, Standard 46.25-52.50, Standard & Good holsteins 44.00-50, few Utility 40-42.75. Choice slaughter heifers, couple 56.50&56.75, few Good 48.00-50, few Standard 41.00-44, Utility 35.00-41.00. Breaking Utility and Commercial slaughter cows 36.00-40, Cutter and Boning Utility 33.00-37.25, Canner and Low Cutter 27.25-33.50, Shells down to 24.75. Few Yield Grade No. 1, 1310-1650 lbs. slaguhter bulls 42.00-44, few No. 2, 1335-1990 lbs. 38.00-40.00. Feeder Cattle: Medium Frame No. 1, 330-520 lbs. steers 50.00-54, few Medium & Large 600-950 lbs. 44-50.75. Medium Frame No. 1, 300-500 lbs. heifers 40.00-48, 530-710 lbs. 38.00-42, Medium & Large No. 2, 330-680 lbs. 27-38.50. Medium Frame No. 1, 325-650 lbs. bulls 44.00-51.00.

CALVES 358...Choice vealer, individual 89.00, few Good 62.00-76.00, Standard and Good 90-125 lbs. 40.00-53.00, 65-85 lbs. 30.00-41.00, Utility 50-125 lbs. 10.00-25.00. Farm Calves: Holstein Bulls 90-135 lbs. 50.00-70.00. Beef cross bulls and heifers 70-110 lbs. 47.00-60.00.

HOGS 355...Barrows and gilts steady to .50 higher. US No. 1-2 225-255 lbs. 54.50-55.25, 1-3 215-255 lbs. 52.00-54, 2-3 215-275 lbs. 50.00-52.00, lot 3-4 305 lbs. 42.00, 1-3 195-210 lbs. 45.00-52.00. Sows mostly $1 to $2 higher. US No. 1-3 350-690 lbs. sows 44.00-50.00, few 2-3 300-550 lbs. 40.00-44.00. Boars 35.00-43.50.

FEEDER PIGS 62...Lot US No. 1-3 20 lbs. feeder pigs 19.00, 40-65 lbs. 39.00-53.00 — all per head.

SHEEP 138...Few High Choice and Prime 130 lbs. wool slaughter lambs 48.00, 90-115 lbs. 50.00-61, Choice & Prime 60-85 lbs. 60.00-74, Good and Choice 60-90 lbs. feeder lambs 53.00-65.00. Slaughter ewes 12.00-19.00.

GOATS 16...16.00-36.00 — per head.

New Holland Sales Stables

New Holland Dairy
Wednesday, Dec. 10, 1986
Report supplied by auction

Reported receipts of 78 cows, 137 heifers and 8 bulls. Market steady.

Load of PA fresh cows, 640.00-910.00.

Load of Perry Co. fresh cows, 530.00-1300.00.

Load of PA fresh cows, 870.00-935.00.

2 Loads of PA fresh cows, 600.00-1275.00.

Load of PA fresh cows, 650-1075.

Locally consigned cows 420.00-975.00.

Springing heifers 585.00-860.00.

Open heifers 300.00-410.00.

Bulls 340.00-725.00.

Green Dragon Livestock Sales

Location: Ephrata RD 4. 1 mile N. on North State St., Ephrata.

COWS COWS COWS

SALE EVERY FRIDAY

Lots of good Northern Feeder & Stockers. Slaughter Cows - Bull Steer, Veal-lamb.

11:00 A.M.-Beef Sale 200-300 each week.
1:00 P.M.-Dairy Sale.
7:00 P.M.-Small Animal Sale.

For Special Sales and Herd Dispersals on farm or at our barn or other market information call: Office 717-733-2444, Home 717-838-4318.

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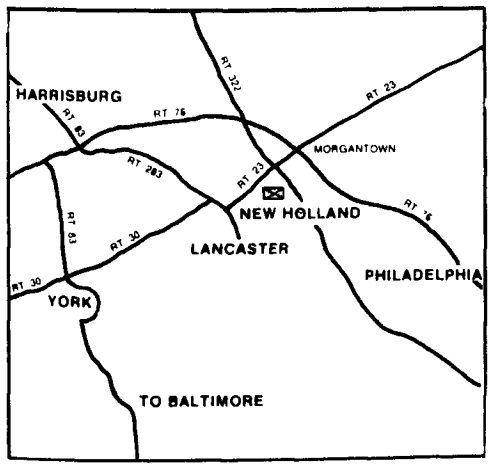

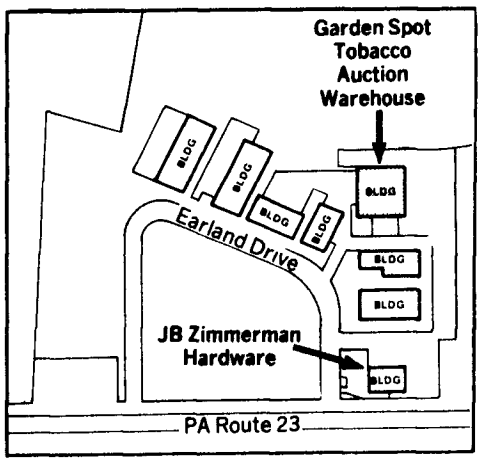

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Livestock market and auction news

Lebanon Valley Livestock Auction

Fredericksburg, Pa.
Tuesday, December 9, 1986
Report Supplied By PDA

CATTLE 272...PDA. Supply includes 64% slaughter cows . Compard with last Tuesday's market: Slaughter cows unevenly steady. Choice slaughter steer, individual 62.00, two High Good and Low Choice 60.00&60.50, one Good 55.00, few Standard 46.00-52.50, few Good & Choice holsteins 46.75-53.35, Standard 43.50-46.75, few Utility & Low Standard 37.50-42.75. Few Choice slaughter heifers 50.00-55.75, Good 48.00-53.60, Standard 41.25-47.25, Utility and Low Standard 34.00-39.00. Breaking Utility and Commercial slaughter cows 37.00-39.60, one 40.85, Cutter and Boning Utility 34.00-37.85, Canner and Low Cutter 30.50-33.85, few down 29.10, Shells down to 26.00. Two Good slaughter bullocks 46.25 and 50.00, few Standard 39.25-46.25. Yield Grade No. 1, 1310-1725 lbs. slaughter bulls 46.00-49.00, one No. 2, 1180 lbs. 43.25. Feeder Cattle: Few Medium Frame No. 1, 335-525 lbs. steers 50.00-51.00. Few Medium & Large Frame No. 1-2, 325-535 lbs. heifers 33.00-41.00.

CALVES 199...Vealers grading Standard and Good unevenly steady. Standard and Good 90-100 lbs. 47.00-53.00, 65-85 lbs. 41.00-47.00, Utility 60-100 lbs. 30.00-38.00, few down 20.00. Farm Calves: Holstein Bulls 80-120 lbs. 51.00-103.00, mostly 72.00-98; few Holstein Heifers 100-105 lbs. 54.00-68.00.

HOGS 150...Barrows and gilts steady, spots $1 lower. Two US No. 1-2 225-230 lbs. 55.25-55.35, one 250 at 56.00, 1-3 210-250 lbs. 54.25-54.85, lot 55.35, few 2-3 235-245 lbs. 54.25-54.35, few 2-4 200-220 lbs. 53.00-53.75, lot 298 lbs. 49.85. US No. 1-3 395-540 lbs. sows 43.00-45.50, few 2-3 445-490 lbs. 40.00-42.85. Few Boars 37.50-39.75, lot light weight 40.85.

FEEDER PIGS 26...US No. 1-3 15-30 lbs. feeder pigs 110.00-137.00, lot 40 lbs. 86.00 — all per hundredweight.

SHEEP 0...No market test.

GOATS 0...No market test.

Dewart Livestock Auction

Dewart, Pa.
Monday, December 8, 1986
Report Supplied by PDA

CATTLE 211..PDA...Choice slaughter steer, indivdiual 1135 lbs. 61.25, Good 50.00-56.75, few Standard and Low Good 45.00-48.00. Few Choice slaughter heifers 55.10-56.35. Breaking Utility and Commercial slaughter cows 36.25-39.25, Cutter and Boning Utility 34.25-37.25, Canner and Low Cutter 31.00-34.25, Shells down to 28.00. Few Yield Grade No. 1, 885-2040 lbs. slaughter bulls 42.00-48.25. Feeder Cattle: Few Medium Frame No. 1, 400-725 lbs. steers 50.00-58.00. Few Medium Frame No. 1, 350-550 lbs. heifers 45.00-47.00.

CALVES 242...Few Good & Choice vealers 75.00-95.00, few Standard and Good 110-125 lbs. 60.00-65.00, 75-105 lbs. 46.00-52.00, few Utility 60-80 lbs. 35.00-45.00. Farm Calves: Holstein Bulls 90-125 lbs. 55.00-95, mostly 75.00-90.00.

HOGS 131...Couple Lots US No. 1-2 220-235 lbs. barrows and gilts 55.00, 1-3 215-245 lbs. 53.20-54.80. US No. 1-3 300-620 lbs. sows 41.00-45.25. Few Boars 40.50-46.00.

FEEDER PIGS 256...US 1-3 20-35 lbs. feeder pigs 30.00-37.00, 35-50 lbs. 36.00-46.00, lot 60 lbs. 49.00, Utility 35-50 lbs. 26.00-35.00 — all per head.

SHEEP 2...No market test. Two Slaughter ewes 17.00&20.00.

GOATS 0...No market test.

Grantsville Livestock

Grantsville, Maryland
Saturday, Dec. 6, 1986

Large: 60-85; Medium: 50-65.

HOGS: Top Barrows & Gilts 53.00-56.00; Heavy Butcher 48.00-55.00; Light Butcher 45.00-52.00; Butcher Sows 42.00-49.50; Feeder Shoats 20.00-60.00.

VEAL: Good 70.00-80.00; Standard 50.00-60.00; Utility 35.00-45.00; Bull 65.00-87.00.

SHEEP & LAMBS: Good 58.00-60.25; Utility 50.00-55.00; Slaughter Ewes 20.00-32.00.

SLAUGHTER CATTLE: Steers: Good 57.00-58.25; Standard 52.00-54.00; Utility 40.00-48.00.

HEIFERS: Good 53.00-55.50; Standard 45.00-50.00; Utility 30.00-40.00.

COWS: Commercial 35.00-40.50; Utility 32.00-34.00; Canner & Cutter 30.00-down.

BULLS: Commercial & Good 40.00-45.50; Cutter & Utility 36.00-39.00.

STOCK-FEEDER CATTLE: (Yearling Steers) Good 54.00-58.00; Medium 42.00-50.00.

STEER CALVES: Good 55.00-61.00; Medium 45.00-52.00.

HEIFER CALVES: Good 48.00-56.00; Medium 30.00-40.00.

New Holland Horses

New Holland Sales Stables
New Holland, PA
Monday, Dec. 8, 1986
Report supplied by auction

Registered receipts of .254 head of horses, mules and ponies.
Market: steady.
Local
Better Horses 525.00-700.00.
Driving Horses 250.00-700.00.
Riding Horses 150.00-450.00.
Lightweight Killers 125.00-225.00.
Heavyweight Killers 275.00-375.00.
Mare Ponies 30.00-65.00.
Colts 10.00-20.00.
Gelding Ponies 30.00-65.00.
Larger Ponies 100.00-150.00.

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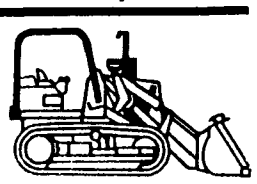
All replies held in confidence.



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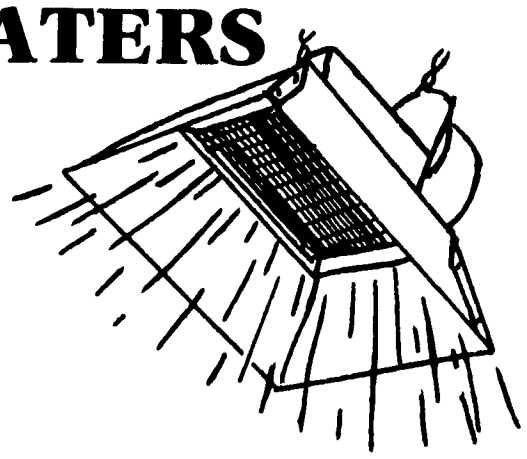

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JD 4020 Power Shift Cab	$6,950
(1) White 2-105 w/Roll Guard	Make Offer
MF 50 Gas (recently overhauled)	$3,250
MH 22 w/3 pt. and 2 row cultivator	$1,650
MF 135D Tractor w/Load SOLD	$4,450
4020, Syncro New Rear End	$8,450
4620, PS, cab, overhauled	$9,750
JD 3020 side console, gas	$5,850
JD 4010 Diesel	$3,950
JD 2040 Dsl. Tractor w/145 Loader	
JD 2440 Tractor	$8,950
JD 450 Crawler Loader	$10,500
JD 148 Loader for a 2640 or 2840 Tractor	$2,850

COMBINES & PICKERS:

JD 454, 4 Row Bean and Sunflower Head	$2,650
Gleaner M combine, 2 heads, nice	$11,700
6620 Side Hill, turbo hydro, heater & air, monitor, spreader.	
6600 hydro, rotary screen, diesel, heater & air, chopper, US feeder house, monitor, adjustable rear axle, bin extension.	
6600 gear, rotary screen, diesel, monitor, heater & air, US feeder house, bin extension.	
4400 Diesel, rotary screen, heater, monitor, US feeder house, bin extension, chopper.	
NI 324 2 Row Wide 12 Row 327 bed	$3,950
NI 818 combine 4R narrow head & 13' flex head. Sharp	
NI 2 row narrow, pull type picker	$3,950
(1) #343 3 Row 30"	
(1) #443 Corn Heads	
#244 Corn Head	
#244 Corn Head	
13' Grain Table	
(2) #444 Corn Heads	
13' & 15' Flex Heads, Black Reel	
JD 300 husker w/2 row	$6,850
NI 2 row narrow w/sheller, A1	$3,950
JD 216 Flex Black Reel	
JD 444 Corn Head	
JD 343 Corn Head w/Harvester Adaptor	$3,950
JD 243 Corn Head SOLD ester Adaptor	$2,675

PLANTERS & GRAIN DRILLS:

JD 20x6 Model B Plain Grain with Grass D.D.	
JD 8 Row 7000 30" Planter	
IH #10 15 Hole Drill, Sharp	$1,475

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JD 2630 Tractor w/Cab
JD 3020 Dsl. Tractor Synco
JD 8100 14x7 Drill
IH 10' Pull Type Chisel Plow
IH 19' Vibra Shank, like new
JD 5-15" 2500 Auto Reset Plow

TILLAGE:

JD 1010 Flat Fold Field Cultivator 18'	$3,650
JD BWF 14' Flex Disc	$2,350
JD 1450 5x16 Plow	$1,950
JD F845 Roll Over Plow (New)	$2,850
JD TWA 12' Plowing Disc	$2,950
JD 3-14 F125 Plow	$475
JD 7B 2500 Plow	$3,650
JD 28x20 KBA Transport Disc	
JD 3-16 F620 Trailer Plow, nice	
JD 4-16" F350 Auto Reset Plow	$1,550
Brillion 10' Packer (Big Shaft)	$450

MISCELLANEOUS:

NI PTO 2 Beater Spreader, Model 214	$750
18.4x38 Direct Axle Dual Wheels	
14.9x38 Direct Axle Dual Wheels	
14.9x26 T-rail duals	
NH 679 tandem axle spreader, hyd. endgate	$3,850
NH #90 Bale Mover	
NI 214 Spreader w/End Gate	$1,850
Best Land Rock Picker	$1,850
9 Tooth Folding Anhydrous Bar	$1,250
Owatonna stack wagon, model #540	$3,450
Cattle Feeder Wagon	$750.00
JD 18 4x38 Direct Axle Duals	$1,250

HARVESTERS & FORAGE EQUIPMENT:

NH Super 717 Harvester	$2,450
NH P.U. Attachment	$575
JD 35 Harvester, 2 row narrow & pickup, sharp	$3,550
JD 15 Chopper	$450
JD 16A Shopper, sharp	$1,850

HAY MACHINES:

Hesston Hydro-Swing Mower Conditioner	$2,750
Hesston PT10 Mower Cond.	$2,350
NH 850 Round Baler	$3,850
JD #336 Baler w/#30 ejector	
Hesston PT 10 Mower Conditioner	$950
15' Hyd Fold Bat Wing Mower	$2,150
MC 9' Rotary Scythe	$1,450

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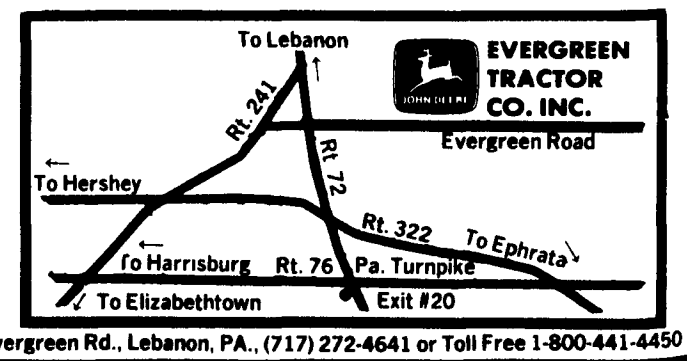

30 Evergreen Rd., Lebanon, PA., (717) 272-4641 or Toll Free 1-800-441-4450

Livestock market and auction news

St. Louis Cattle

Thursday, Dec. 11
Report supplied by USDA

Receipts This Week	3,800
Week Ago	4,300
Year Ago	4,000

Compared with last week's close, slaughter steers fully 2.00 instances 2.50 lower. Slaughter heifers fully 2.00-2.50 lower. Cows 2.00-3.00 lower. Bulls steady. Slaughter supply mainly choice steers and heifers, around 10% cows.

SLAUGHTER STEERS: Mixed choice and prime 2-4, mostly 2-3, 1075-1350 lbs. 60.00-61.00. Choice 2-4 975-1300 59.00-60.50, mostly 59.00-60.00. Couple part loads 2-3 1050-1100 lbs. 61.00. Mixed good and choice 2-3 900-1250 lbs. 57.50-59.50. Good 2-3 900-1200 lbs. 55.50-57.50. Standard to good 2-3 1075-1400 lb. holsteins 48.00-52.00. Part load mixed good and choice 2-3 1200 lbs. 53.50.

SLAUGHTER HEIFERS: Mixed choice and prime 2-4, mostly 2-3, 900-1150 lbs. 58.00-59.00. Part load 2-3 1100 lbs. 59.25, package 59.50. Choice 2-4 900-1100 lbs. 57.00-58.50, mostly 57.00-58.00. Mixed good and choice 2-3 900-1050 lbs. 55.00-57.00. Good 2-3 900-1025 lbs. 53.50-55.00; 750-900 lbs. 50.00-53.50.

COWS: (Closing Week Sales) breaking utility and commercial 2-4 31.00-33.00. Cutter and boning utility 1-2 33.00-34.00. High-yielding cutter and boning utility 1-2 34.00-35.00. Canner and low cutter 1-2 30.00-32.00. Shelly canner 1-2 27.00-30.00.

BULLS: YG 1-2 1050-2300 lbs. 40.00-44.00. Couple YG 1 46.00.

Wednesday's weekly sheep auction. Receipts around 368 head. Slaughter lambs 2.00-3.00 lower. Slaughter ewes 2.00 higher. Feeder lambs 2.00-3.00 higher compared with last week.

SLAUGHTER LAMBS: Choice and prime shorn with No. 1-2 pelts, 95-115 lbs. 69.00-71.00. Wooled, choice and prime 95-115 lbs. 69.00-72.00, mostly 69.00-70.00. Choice grade 90-110 lbs. 65.00-69.00. Few choice and prime 125-135 lbs. discounted, 58.00-62.00.

SLAUGHTER EWES: Utility 21.00-23.50, package solid mouth breeding ewes 27.00.

FEEDER LAMBS: Choice and fancy 70-85 lbs. 70.00-74.00; 60-70 lbs. 64.00-69.50.

Indiana Livestock

Homer City, Pa.
Thursday, December 11
Report supplied by PDA

CATTLE: 301. Sl. cows 1.50-2.00 lower; Choice sl. steers 1320-1435 lb. 56.25-60.50; Good 52.00-55.50; few Standard 45.00-49.75; few Standard & Good holsteins 41.00-44.75; Utility 38.00-44.75; Choice sl. heifers 53.00-57.25, one 58.25; Good 47.00-53.00; Standard 40.00-46.75; Utility 35.00-40.25; Breaking Utility & Commercial sl. cows 36.00-40.00; Cutter & Boning Utility 33.00-37.00; Canner & Lok Cutter 28.00-33.00; shells down to 25.00; few Standard bullocks 42.50-43.50; few Utility 38.00-38.25; few YG No. 1, 1355-1960 lb. sl. bulls 41.25-43.00; one YG No. 2, 1745 lb. 40.00.

FEEDER CATTLE: Steers Med. & Large No. 1, 720-1060 lb. 43.00-49.00; heifers Med. Frame No. 1, 300-515 lb. 41.75-45.00; Med. & Large Frame No. 1, 635-870 lb. 41.00-45.00; Med. & Large Frame No. 2, 435-875 lb. 30.25-38.25; bulls Med. Frame No. 1, 420-560 lb. 45.00-49.50.

CALVES: 148. Few Good vealers 58.50-67.50; Standard & Good 90-130 lb. 45.50-53.00; 60-85 lb. 39.00-48.00.

FARM CALVES: Hol. bulls 90-130 lb. 50.00-80.00, one at 89.00; beef cross bulls and heifers 75-100 lb. 48.00-56.00.

HOGS: 248. Barrows & gilts steady to .50 lower; US No. 1-2, 235-245 lb. barrows & gilts 53.50-54.25; No. 1-3, 210-250 lb. 52.25-53.50; No. 2-3, 210-265 lb. 50.50-52.00; few 285-305 lb. 46.00-49.25; No. 1-3, 190-210 lb. 48.00-51.50; 165-180 lb. 42.00-47.00; sows .50 to 1.00 lower; US No. 1-3, 335-630 lb. 42.00-46.25; boars 33.75-38.75.

FEEDER PIGS: 75. US No. 1-3, 20-35 lb. 25.00-31.00; 35-50 lb. 31.00-36.00; all per head.

SHEEP: 25. Lot High Choice & prime 73 lb. wooled sl. lambs 60.75; sl. ewes 12.00-25.00.

GOATS: 3. 27.00-41.00 per head.

Omaha Weekly

Thursday, Dec. 11
Report Supplied by USDA

Compared to last week, slaughter steers and heifers closed 1.50-2.00 lower. Slaughter cows steady and slaughter bulls steady to 1.00 higher. A sharply lower dressed beef prices and daily decline in boxed beef prices were the dominant factors in the decline in prices at the live level.

Estimated 5 day receipts this week 6,200 compared to actual 5 day receipts last week of 7,695 and 7,471 last year. Slaughter steers accounted for 38 percent of receipts, slaughter heifers 40 percent, slaughter cows 11 percent and feeder cattle 9 percent.

SLAUGHTER STEERS: Closing sales choice 2-4 1075-1300 lbs. 60.50-61.75. Mixed good and choice 2-3 1050-1200 lbs. 59.50-61.00. Good 57.00-59.50.

SLAUGHTER HEIFERS: Closing sales choice 2-4 975-1100 lbs. 59.50-61.00. Mixed good and choice 2-3 925-1050 lbs. 58.00-60.00. Good 56.50-58.50.

Average of LS 214 detailed price quotations for choice 900-1100 lbs. steers this week 60.50, 1100-1300 lbs. 61.75. Average cost of all slaughter steers this week 60.72, average weight 1173 lbs. compared to 62.40 and 1181 lbs. last week. Average cost of all slaughter heifers this week 60.47, average weight 1059 lbs. compared to 61.87 and 1065 lbs. last week.

SLAUGHTER COWS: Breaking utility and commercial 2-3 34.00-38.25, high dressing to 39.00. High cutter and boning utility 1-3 34.50-38.25. Low to average cutter, few canner 30.50-35.00, thin light weight individuals 25.00-30.50.

SLAUGHTER BULLS: 1-2 1400-2300 lbs. 42.00-46.50, low dressing to 35.50-40.50.

Joliet Weekly

Wednesday, Dec. 11
Report supplied by USDA

Sales this week 825; last week912; a year ago 1231. Slaughter steers .50 to 1.50 lower. Slaughter heifers 1.50 to mostly 2.00 lower.

SLAUGHTER STEERS: Choice 2-4 1100-1400# 61.00-63.00; mixed good and choice 2-3 1050-1250# 59.00-61.00; package choice 2-3 1300# holsteins 52.50.

SLAUGHTER HEIFERS: Choice 2-4 900-1050# 59.00-60.50; mixed good and choice 2-3 900-1050# 57.00-59.50.

St. Louis Cattle

December 12, 1986
Report Supplied by USDA

FEEDERS: Receipts around 1,500 head. feeder steers and heifers 2.00-3.00 lower, instances 4.00 lower on heifers 600 lbs. and up. Increase supply medium frame 1 600 lbs. and up steers and heifers. Feeder bulls 3.00-4.00 lower. Few holsteins steers 2.00-3.00 lower compared with last week.

FEEDER STEERS: Medium frame with a few large frame 1: 300-500 lbs. 61.50-67.50; 500-700 lbs. 56.50-62.75; 700-1000 lbs. 55.00-58.50; 1000-1200 lbs. 52.75-57.25.

Large frame 2 holsteins: 400-500 lbs. 52.00-52.50; 800-1000 lbs. 42.00-47.00.

FEEDER BULLS: Medium frame 1: 300-500 lbs. 48.75-54.75; package large frame 582.

FEEDER HEIFERS: Medium frame with few large frame 1: 300-500 lbs. 53.00-57.50; gaunt cross bred 450 lbs. 61.50; 500-600 lbs. 54.00-59.50; 600-900 lbs. 50.00-55.25.

REPLACEMENT COWS: Medium frame 1: 800-950 lbs. 5-7 years old, open 37.75-38.50.

Chambersburg Livestock

Chambersburg, Pa.
Thursday, December 11
Report supplied by PDA

CATTLE: 370. Few Choice sl. steers 50.60-54.85; Good 46.0-51.00; 2 Choice sl. heifers 51.25 and 53.75; few Good 49.75-50.25; Breaking Utility & Commercial sl. cows 35.85-40.00, few to 43.25; Cutter & Boning Utility 34.25-37.75; Canner & Low Cutter 31.25-35.00; shells down to 27.00; YG No. 1, 1400-1990 lb. sl. bulls 42.60-48.00.

FEEDER CATTLE: Steers few Med. Frame No. 1, 465-800 lb. 45.00-48.50; heifers few Med. Frame No. 1, 550-885 lb. 37.00-41.50.

CALVES: 419. Few Choice vealers 66.00-73.00; few Good 58.00-64.00; Standard & Good 70-105 lb. 43.00-50.00; Utility 60-80 lb. 30.00-45.00.

FARM CALVES: Hol. bulls 90-95 lb. 51.00-65.00, few to 80.00; 100-135 lb. 85.00-101.00; few hol. heifers 95-120 lb. 55.00-65.00.

HOGS: 26. Lot No. 1-3, 225 lb. barrows & gilts 52.50; lot 230 lb. 52.85; lot No. 3-4, 279 lb. 50.00; lot 273 lb. 48.25; few US No. 1-3, 470-530 lb. sows 42.00-42.75.

FEEDER PIGS: 10. Not enough sales for market test.

SHEEP: 2. Sl. ewes 16.00 and 27.00.

GOATS: 3. Sold from 25.00-39.00 per head.

King's Hay

Kirkwood, Pa.
Tuesday, Dec. 9, 1986
Report supplied by Auction

Wet day, 26 loads. Alfalfa 124.00-140.00, 1 pickup load 104.00, Alfalfa Mix 109.00-138.00, Mixed Hay 120.00-138.00, Timothy & Mix 105.00-121.00, Grass & Mixed Hay 82.00-109.00, 6 loads Straw 110.00-122.00, 1 load corn fodder 70.00, Oats 1.46/bushel.

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1:00 P.M.
Sale To Start Promptly Every 4 Weeks
Located 18 miles south of Lancaster, Pa., 6 miles south of Quarryville, take Rt. 272 to Little Britain, turn north, follow Little Britain Road to Jackson Road, right. 2nd farm, OR take Rt. 222, out of Quarryville to Cedar Hill Road to Little Britain Road to Jackson Road, left. Watch for sale arrows.
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Livestock market and auction news

Weekly Summary

Harrisburg, PA
Friday, Dec. 12
Report supplied by PDA
13 Livestock Markets

CATTLE: 6149. Compared with 5446 head last week and 6443 head a year ago. Sl. steers steady to 1.00; spots 2.00 lower; sl. heifers weak to 1.00 lower; cows mostly .50-1.00 lower; bullocks uneven, bulls unevenly steady to weak; few High Choice & Prime 2-4 sl. steers 62.00-68.60; Choice 59.00-62.75, few to 67.00, mostly YG No. 2; Good 52.00-58.00, few to 59.75; Standard 45.00-52.50; Choice sl. heifers 53.00-57.85, few to 61.25; Good 47.00-53.00; Standard 40.00-47.25; Breaking Utility & Commercial sl. cows 36.00-40.00; Cutter & Boning Utility 33.00-38.50; Canner & Low Cutter 30.75-35.00, few down to 28.00; shells down to 24.00; Choice sl. bullocks 50.50-55.00; Good 45.00-50.50; few standard 39.25-46.25; YG No. 1, 1000-1975 lb. sl. bulls 42.00-49.35, few to 51.50; YG No. 2, 900-1575 lb. 40.00-48.00.

FEEDER CATTLE: Steers Med. Frame No. 1, 330-725 lb. 50.00-58.00, few down to 43.00; heifers Med. Frame No. 1, 300-500 lb. 41.00-47.00; 500-700 lb. 38.00-42.00; Med. & Large Frame No. 2, 330-700 lb. 30.00-39.50; bulls Med. Frame No. 1, 300-650 lb. 44.00-53.00.

CALVES: 3229. Compared with 3886 head last week and 4502 head a year ago. Vealers grading Good & Choice steady to 2.00 higher; Standard & Good steady to 5.00 higher; few Prime vealers 94.00-110.00; Choice 74.00-90.00; Good 58.00-74.00; Standard & Good 110-130 lb. 50.00-65.00; 90-110 lb. 40.00-53.00; 65-85 lb. 35.00-48.00; Utility 50-100 lb. 30.00-40.00.

FARM CALVES: Hol. bulls 90-135 lb. 50.00-110.00, mostly 70.00-95.00; hol. heifers 90-130 lb. 52.00-68.00; beef cross bulls and heifers 70-100 lb. 47.00-60.00.

HOGS: 5623. Compared with 3772 head last week and 6635 head a year ago. Barrows & gilts highly uneven; US No. 1-2, 210-245 lb. 54.50-56.00; No. 1-3, 220-250 lb. 53.00-54.50; No. 2-3, 210-260 lb. 52.00-54.00; No. 2-4, 225-285 lb. 50.00-53.00; sows steady to 2.00 lower; US No. 1-3, 300-650 lb. 43.00-46.00; No. 2-3, 300-585 lb. 38.00-43.00; boars 37.00-45.00.

FEEDER PIGS: 1505. Compared with 735 head last week and 1439 head a year ago. Steady to weak; No. 1-3, 20-35 lb. feeder pigs 25.00-37.00; 35-50 lb. 36.00-48.00; 50-80 lb. 49.00-61.00.

SHEEP: 1093. Compared with 614 head last week and 1316 head a year ago. Wooled sl. lambs uneven; High Choice & Prime 80-115 lb. wooled sl. lambs 60.00-74.00; Choice 75-110 lb. 55.00-65.00, few to 70.00; Good & Choice 60-90 lb. feeder lambs 53.00-65.00; new crop lambs for holiday season Choice & Prime 25-60 lb. 90.00-165.00, 60-80 lb. 70.00-90.00; sl. sheep 16.00-35.00.

2 GRADED FEEDER PIG SALES: 2390. Compared with 1082 head last week and 2808 head a year ago. Steady to 15.00 higher; US No. 1-2, 17-30 lb. 150.00-190.00; 30-40 lb. 101.00-138.00; 40-50 lb. 95.00-120.00; 50-60 lb. 89.00-115.00; 60-85 lb. 80.00-101.00; US No. 2-3, 30-40 lb. 114.00-122.00; 40-50 lb. 94.00-100.00; 50-70 lb. 67.00-93.00.

North Jersey Livestock

Hackettstown, NJ
Tuesday, Dec. 9
Report supplied by auction

Calves- .24-.90.
Cows 25.25-42.25.
Easy Cows .15-37½.
Heifers 35.75-45.00.
Bulls 38.75-51.75.
Steers 29.50-54.75.
Hogs 39.00-50.00.
Roasting Pigs, 25.00-39.00.
Boars 29.00-36.00.
Sows 35.00-40.00.
Sheep .10-.52.
Lambs, each 25.00-69.00.
Lambs, per lb. .35-.84.
Goats, each 20.00-69.00.
Kids, each 14.00-59.00.
Hides, each 4.00.
Total 1114.

Westminster Livestock Auction

Hagerstown, Md.
Tuesday, Dec. 9
Report supplied by auction

SLAUGHTER COWS: .50 higher. Utility 35.00-38.00; Canners 31.00-35.00; Shelly 30.00-Down. Bulls- Good 44.00-45.00. Standard- 37.00-43.00. Fed Steers- Good Selection. Low Choice 57.00-58.25. Good- 53.00-57.00. Standard- 37.00-42.00. Fed Heifers- Good 49.00-54.00. Standard to Low Good- 40.00-48.00. Veal Calves- Good 61.00-63.00; Standard 45.00-55.00. Killers 80-100 lb. 43.00-50.00; Weak/Rough 40.00-Down. Farm Calves- $5 higher. Holstein Bulls 100-125 lbs. 80.00-95.00; 90-95 lbs. 50.00-70.00. Butcher Hogs- Larger Run 215-240 lbs. few 1& 3 52.85; 240-260 lbs. 1 & 2 52.00-53.85; 300-400 lb. 39.50-45.50. Sows- few offered. 350-475 lbs. 43.50-44.50. Boars- 400-600 lbs. 37.00-39.00.

STOCK CATTLE 75 Head. Steers- Good Demand. 300-500 lbs. few 56.00-59.00; 500-700 lbs. Choice 56.00-59.50; Good 50.00-56.00; 700-850 lbs. Good 48.00-54.00; 850-975 lbs. Choice 51.00-55.50; Good 45.00-50.00. Heifers- $5 higher. 300-500 lbs. Choice 50.00-53.00, Good 45.00-50.00; 500-700 lbs. Good to Choice 42.00-50.50. Bulls- 300-500 lbs. 49.00-54.50; 500-700 lbs. 47.00-53.00; 700-800 lbs. 46.50. Lambs- 45 Head, Good Demand. 90-115 lbs. Choice 58.00-64.50; 50-60 lbs. 71.00-75.00. 1 135 kbs, at 48.00. Sheep -11 head 23.00-32.00. Goats- 25 head. Large 50.00-60.00; medium 30.00-50.00. Pigs and Shoats- By The Head- 20-25 lbs. 21.00-24.00; 40-50 lbs. 29.00-36.00; 60-80 lbs. 42.00-55.00; 1 lot 116 lbs. at 64.00. By The Lb- 75-100 lbs. 62.00-63.00; 145 lbs. 44.00-46.00; Stock Boars 170-200 lbs. 43.00-50.00.

Central U.S. Carlot

Pork Report
Wednesday, Dec. 10
Report supplied by USDA

Compared to Tuesday's 3:00 P.M.: Fresh pork loins 14-22# generally steady to 1.00 lower; Boston Butts 2.00-3.00 higher; Skd Hams 17-26# 3.50-6.50 lower; Sdls Bellies 12-18# generally steady to 1.00 higher; other cuts generally steady. Trade moderate for light demand and to light to moderate offerings.

US No. 2 175 lb. hog carcass declined 2.05 to 71.81 per cwt.
Loads Fresh Pork Cuts- 59.00.
Loads Trim/Process Pork- 8.00.

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The challenge to you is to try the product; the challenge to us is to deliver on our word: Tylan Sulfa-G really *works.*

For more information, ask your feed man or Elanco representative about the Challenge. We're ready for you.

[1] For lowering the incidence and severity of *Bordetella bronchiseptica* rhinitis
[2] Caused by *Pasteurella multocida* and *Corynebacterium pyogenes*
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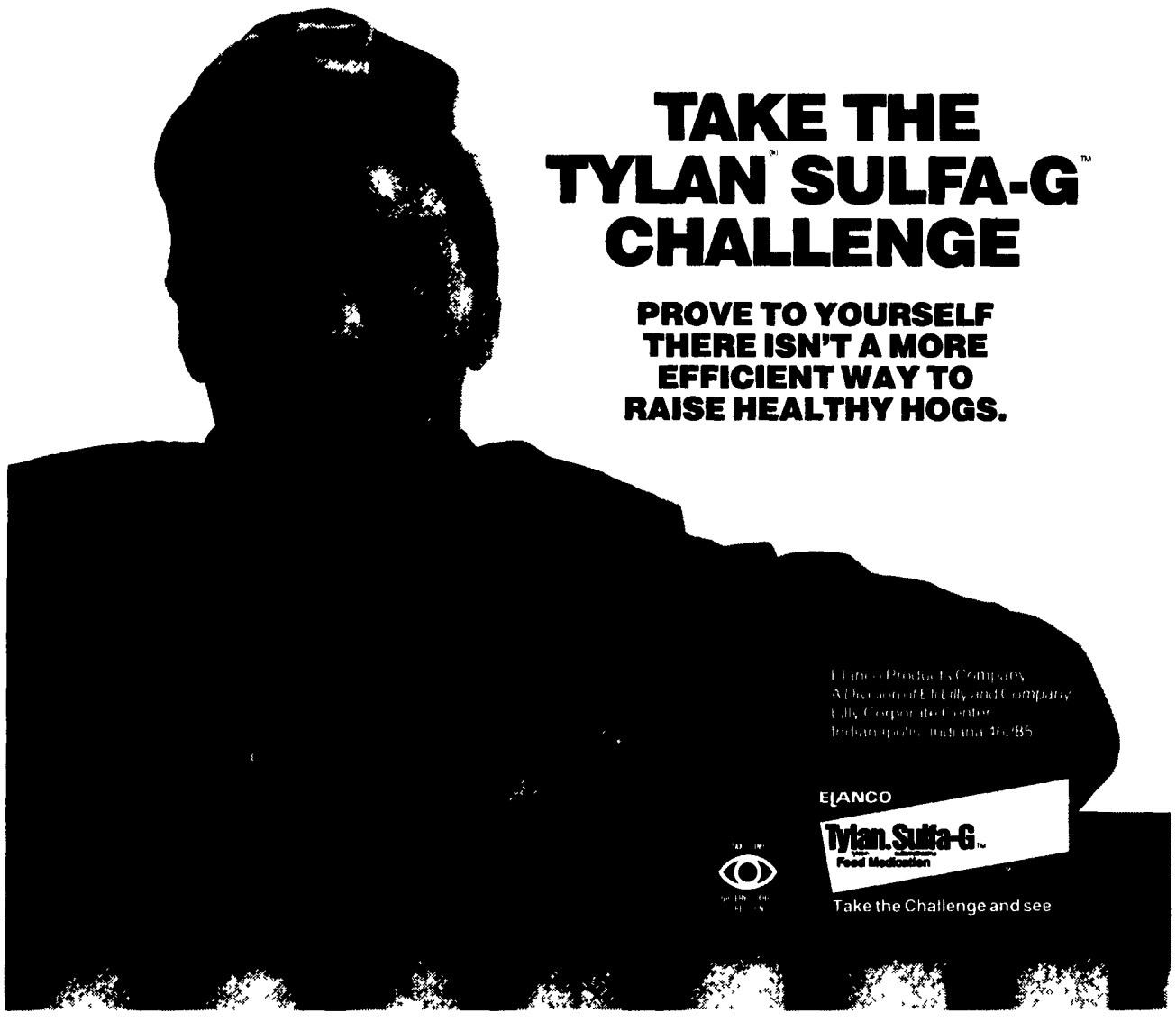

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Mark Daughter Tops Golden Harvest, Garden Spot Sale

LEBANON — A June 1986 calf sired by Walkway Chief Mark topped the 24th Golden Harvest Sale and the 335th Garden Spot Sale held at the Lebanon County Fairgrounds.

Consigned by Donald Hosking and Dr. Stanley Brunn of Otisville, N.Y., and Middletown, N.Y., Hosking-Brunn Mark Anita sold for $4,500 to Rodney Greist of Coatesville.

Anita's dam, Homestead-SS Bell Alice, classified VG-88. She ranks 75th on the Premier Performer List and owns a cow index of plus 1,785 milk, plus 68 fat and plus $218 with a CTPI of plus 813. A Bell daughter, she produced a top record of 28,880 pounds of milk and 1,045 pounds of fat in 365 days. In her first lactation she produced 22,700 pounds of milk and 844 pounds of fat.

Grace-Way Elevation Audrey, the next dam, classified VG-87 with Gold Medal Dam status. She produced three records over 21,000 pounds of milk with her best effort at 27,951 pounds of milk and 1,031 pounds of fat in 365 days. Presently, the Elevation daughter has 15 sons in studs world wide.

The sale topper's third dam produced a top record of 31,597 pounds of milk and 1,435 pounds of fat. She classified Very Good.

Shultz Brothers of Bloomsburg consigned the lot which garnered the second highest bid of the sale. Shul-Bro Jet Stream Goldie sold for $3,000 to Allen Johnson of Hamptonville, N.C.

Sired by Arlinda Jet Stream, this 5-year-old cow classified EX-90 with an Excellent mammary system. Goldie produced a top record of 22,932 pounds of milk, 955 pounds of fat for a 4.2 test and 786 pounds of protein.

She is due Dec. 19 to Whittier Farms Ned Boy.

Her dam, Shul-Bro Elevation Goldie, classified GP-83 and sold for $5,200 in the Sire Power Sale. Sired by Elevation, her top record in 365 days stands at 17,133 pounds of milk and 721 pounds of fat.

The next dam, Shul-Bro Transmitter Gail classified VG-85 with a top record of 23,722 pounds of milk and 866 pounds of fat. Her lifetime production stands at 110,540 pounds of milk and 4,110 pounds of fat in 1,743 days.

Gail is backed by three generation of 22,000 pound producers.

Swampy-Hollow Apollo Starlet, EX-91 2E, sold for the third highest price of $2,800 to Rodney Greist. Consigned by the Starlet Syndicate, Lebanon, Starlet freshened in September. She produced a top record of 20,110 pounds of milk and 812 pounds of fat.

The Hilltop Apollo Ivanhoe daughter captured the grand champion title of the 1985 Eastern Pennsylvania Championship Show.

Her dam, Swampy-Hollow J Sweet Sid, owns a lifetime record of 169,230 pounds of milk and 7,275 pounds of fat in 2,690 days. Classified 3E 94-GMD, she owns six records over 20,000 pounds of milk with a 4.3 average test. Her best effort stands at 25,480 pounds of milk and 1,135 pounds of fat in 351 days.

The next dam classified Very Good with lifetime production credits of 221,100 pounds of milk and 8,686 pounds of fat in 4,409 days. The third dam classified 2E, 91-EX, MS.

Rounding out the top four sellers of the two sales was a S-W-D Valiant daughter. Consigned by Norman Kolb and Alfred Albright, Lancaster, Geordave Valiant Marty was bred to freshen at sale time to Pinta-Lane Conductor Jason.

Raymond Getz of Myerstown purchased Marty for $2,600. Her dam, Geordave Jemini Marsha, classified VG-87 with a best effort of 19,720 pounds of milk and 757 pounds of fat. Sired Shardale Arlinda Chief Jemini, she owns a CTPI of plus 397.

The second dam, Vonderbar Astronaut Sour EX-90, produced two record over 21,000 pounds of milk with a top record of 23,750 pounds of milk and 1,012 pounds of fat and a 4.3 test. Her siblings include an Excellent 24,000 pound sister, three Very Good sisters, and a VG-88 brother.

Vonderbar Elevation Laura, the next dam classified 4E, 91-GMD with a best effort of 24,466 pounds of milk and a 4.2 test in 365 days. The next dam classified VG-87 GMD with a top record of 26,925 pounds of milk.

The two sales averaged $1,066 on 164 head. This average includes baby calves and bulls.

Backus Associates, Michael Weimer and Jay Howes, managed the sale. Horace Backus read pedigrees; Harry Bachman and Charles Backus served as auctioneers.

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The new dip with a real difference!

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NEW! Formulated with a brand new, highly effective antimicrobial agent, N,N'-dimethyldodecanamine, developed by USDA scientists in their search for a safer and more effective teat dip ingredient.

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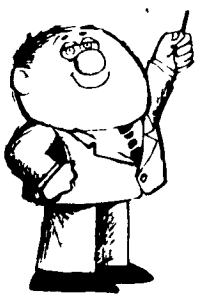

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Farm Credit

(Continued from Page A30)

David Kohl, professor ag economics, Virginia Polytech, outlined some of the statistics that have contributed to the farm economic problems. In 1960 we had $210 billion worth of assets in United States agriculture. By the inflationary period of the 1970s, we went to over a trillion dollars worth of assets. In 1981 total agricultural assets reached a peak. At that time real interest rates began to cause assets to suck capital into cash flow. During this period of time, agriculture was an attractive investment. The export policy of the country was to feed the world. And we expanded the agricultural mechanism to accomplish this.

"We also expanded domestic programs," he said. "And we eased the availability of credit. We were two or three generations away from the depression." Kohl said. That's enough time to forget the lessons learned in the depression of the 1930s. We also changed tax policies during this time to encourage investment in agriculture. We made investment tax credits. We accelerated depression and figured in capital gains. By 1981 the assets picture had peaked and now everything that happened in the 1970s is happening in reverse.

From 1981 to 1983, we've had a slight decline in agricultural assets. And by 1985 we were down to a trillion dollars. In 1986 we will have about $865 assets and by 1992 experts are predicting we will have returned back to the 1975 level of $600 to $700 billion worth of farm assets in the United States. So we see we have a blip in farm assets during the 1970s. On the other side the U.S. farm debt went from $25 billion outstanding in 1960 to an increasing debt load in relation to assets. By 1981 when the farm assets reached their peak, farm debt continued to grow at a 25 percent annual rate. A lot of farm operating losses were refinanced using their land collateral as a method of getting cash flow.

Now farm debt is back down into $210 billion range. But farm assets are coming down faster than farm debt. So we are still eroding the farm picture on the balance sheet of American farmers. In 1960 farm assets in ratio to farm debt was 12 percent. So a farm worth $100,000 was carrying about $12,000 worth of debt. During the 1970s this ratio went up to 16 percent. In 1982 it was 18 percent, 1983, 20 percent, 1985 to 1986 it is now 24 percent. And based on the experts projections, by 1992 the average farm will have a 30 to 35 percent farm debt to asset ratio.

At present in the northeast part of the United States, the farmers over a 40 percent debt to asset level is one in five farmers. This is a level where stress begins. In the southern part of the country. And on the west coast, it's a little bit more. But in the central bread basket, the current debt to asset ratio right now is 38 percent. And about two out of five farms are in the stress situation. "We really have too much and too few dollars coming in to pay it off," Kohl said. "Net farm income compared from 1975 to 1985, we find that farmers have only half of the dollars coming in that were coming in the 1970s. Farms were leveraged in the 1970s. And now you only have half the income to support that expansion," Kohl said.

Kohl listed changes he expects to see in agriculture. 1. Cash flow and profitability. Interest rates are declining but not as fast in agriculture as in other sectors. Farm operating costs are coming down for feed and fertilizer. The key is to get costs down faster than your income.

2. Exports. Kohl predicted that the export markets will not come back because of the population growth that has turned downward. The income growth of the world has increased but not in the areas that need our food. And the production growth of farm commodities has been increasing in competing countries. "The probability of export markets increasing are not very good," he said.

3. On domestic markets, we have not done a very good job at anticipating consumption trends. We have changed our eating habits. We have gone from a sit-down meal, to fast-food, to grazing at the salad bar just like cattle. But our farming industry has not anticipated these trends.

4. Technological advances. "This is the scarey one," Kohl said. "We can produce more and more from less and less units of farm operation. And I expect that to continue. Things are going to be changing. We may be faced with half the dairy farms in the future. Structural change will happen. And it will happen over the world and also in the agribusiness sector."

PDA To Distribute Rice To Needy

HARRISBURG — The state Department of Agriculture has offered Pennsylvania counties a special allocation of 65 truckloads of milled rice for distribution to the needy this month.

The rice is in addition to cheese, butter and other federal commodities also available to the counties in December under the department's Temporary Emergency Food Assistance Program.

In all, 13.5 million pounds of food valued at nearly $13 million has been offered to the counties for their December distributions.

The department was able to acquire enough rice for a special holiday offering by requesting commodities that other states declined to accept from the U.S. Department of Agriculture.

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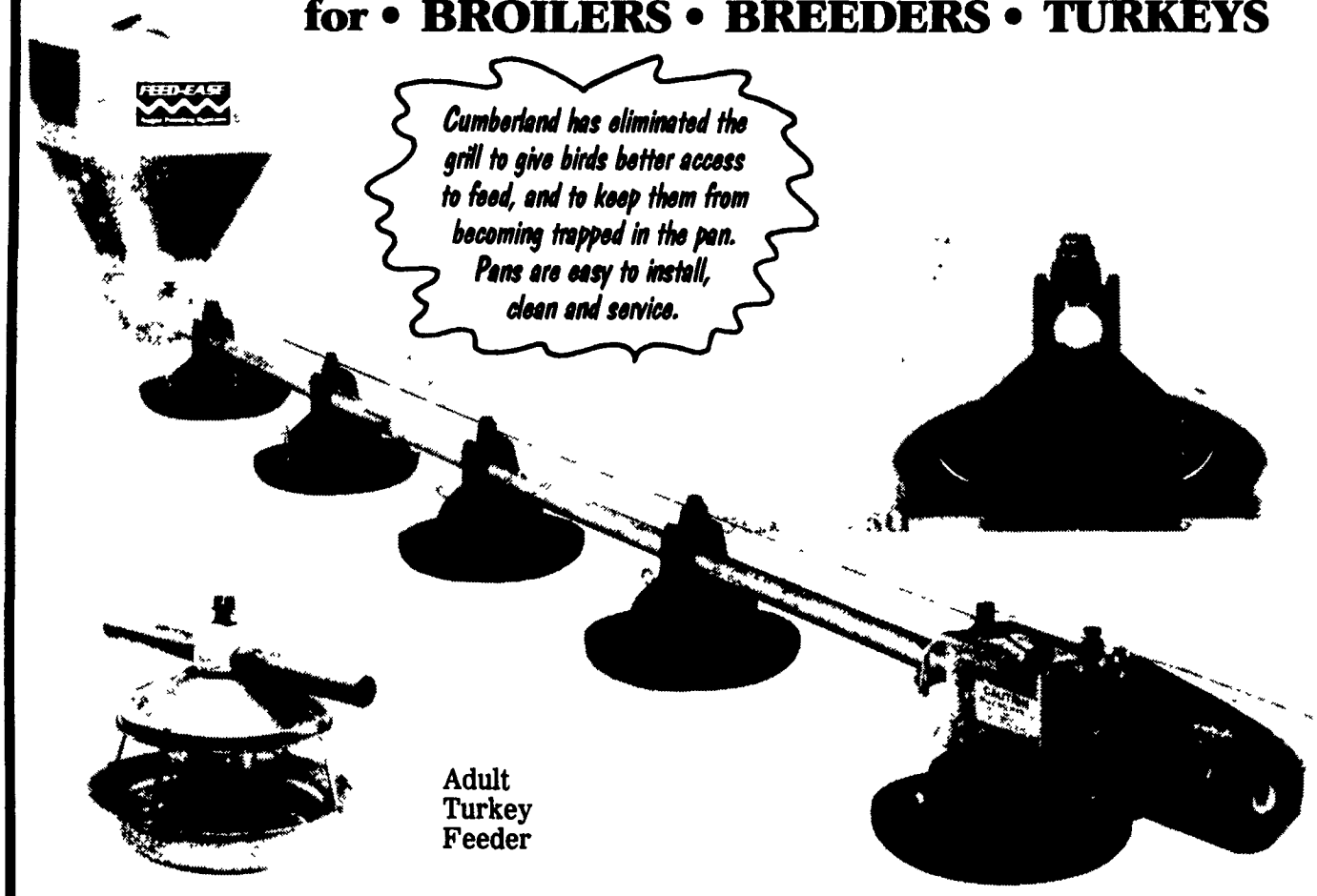
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World Trade Markets Are 'No Picnic' For Dairy Products

BY JOYCE BUPP
York County Correspondent

LAS VEGAS – If American dairy farmers think they have it tough, pricewise, they should try dairying in New Zealand.

And, New Zealanders aren't shy about wanting access to U.S. markets with their excess milk production, especially in casein sales.

That was the essence of a presentation by The Right Honorable Sir Wallace Rowling to the National Milk Producers Federation, meeting last week at Caesar's Palace. Rowling, New Zealand's diplomatic Ambassador to Washington, made world dairy industry comparisons during a panel debate on international trade.

Other panel participants were Montana Senator John Melcher; Brian Joyce, president of the Irish Dairy Board; Bruno Julien, agricultural attache to the Delegation of the Commission of the European Economic Community; and Tom Smith, president of CalCot, an organization of California cotton producers.

Prices received last year by New Zealand's dairy farmers averaged $5.43 per hundredweight for 4.7 percent butterfat test milk, or the equivalent of $2.02 per hundredweight for 3.5 percent fat test.

However, cows in this southern hemisphere dairying country graze year round in a favorable climate, making grass the staple and highly efficient basis of the feeding program. With no building investment or maintenance overhead and very low levels of protein concentrates used in feed rations, New Zealand production costs are thus held to a minimum. And, because of the comparatively low economic returns from milking cows, most farmers cushion income additionally with herds of beef and/or sheep.

Still, Ambassador Rowling laments the New Zealand dairy industry being "ravaged by price collapses four times in the past 30 years ... other traders have climbed into the market at lower prices."

Exporting milk surplus, largely in the form of the milk protein derivative casein, a good portion of it to the U.S., provides New Zealanders with added price stability. Rumblings of cutting casein imports into the U.S. makes New Zealanders edgy. New Zealand casein, claimed Rowling, is produced with no government subsidy, and in response to a demand from the U.S. food industry. He added that casein is the one dairy product traded internationally without barriers.

"Any surge of retreat into protectionism in the U.S. would plunge the Western world into a trade war of gargantuan dimensions," warned Rowling. Furthermore, he added, 14 of the past 15 years, the U.S. has seen a favorable balance of trade with New Zealand. "Our country's future is closely tied to world trade, and it would be a hardship to have to climb over greater trade barriers."

Senator John Melcher of Montana remained unswayed by Rowlings arguments against trade barriers.

"Is a $160 billion trade deficit a way to have more equitable trade?" thundered the long-time ag supporter, and veterinarian-turned-senator.

Melcher harshly criticized the Reagan administration for not taking a tougher stance on the trade deficit, promising that Congress will do it if the administration fails to act to more favorably balance trade.

"We should have sent cheese to Khomeini instead of armaments," Melcher criticized. "There has been too much emphasis on adventure with armaments."

Offering an alternate solution to cutting back dairy food surpluses on hand, Melcher advocates donating larger quantities of government stored products to developing Third World nations, as both humanitarian assistance and toward generating new market interest. He plans to introduce a bill during the next session of Congress to direct study on methods of adding certain enzymes to non-fat dry milk, in order to make it digestible and useful in the diets of lactose-intolerant peoples.

Irish dairymen produce 12 billion pounds of milk for a population of 3.5 million people, selling some 80 percent, or $1.25 billion worth, as dairy product exports. Competing on the world trade market, laments Irish Dairy Board president Brian Joyce, is "no picnic."

"International trade will not solve the problems of world dairy surpluses," in Joyce's opinion.

He sees only two ways to tackle the mounting world dairy overproduction: either let support prices fall to the $6.50 world-market-clearing price, or establish quota systems.

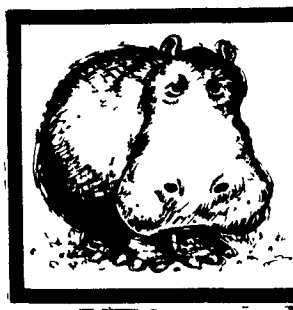
According to Joyce, the EEC's quota program is successfully working. For three years, production has been rolled back to 1981 levels, an estimated reduction of 15 billion pounds from what European dairymen would be producing without the quota limitations.

World market price, said Joyce, is about one-third of the U.S. support price level. He labeled the dairy industry "one of the most protected in the world," with support prices too high.

EEC agricultural attache Bruno Julien emphasized the European dairymen's philosophy that, if they are buying U.S. grain to produce milk, they should have some access to American markets in return.

He criticized New Zealand's producers for increasing production some 30 percent, further adding to world dairy surplus levels, while EEC dairymen are cutting back under quota restrictions.

Like U.S. dairymen, European producers are paying promotion fees to enhance commercial sales of dairy products. European dairy-consumption-boosting programs include a school lunch program, advertising, reduced prices for low-income families and a special Christmas butter promotion.



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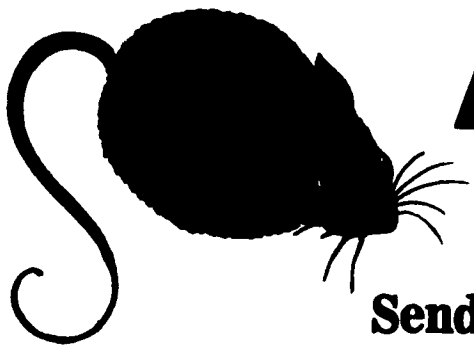

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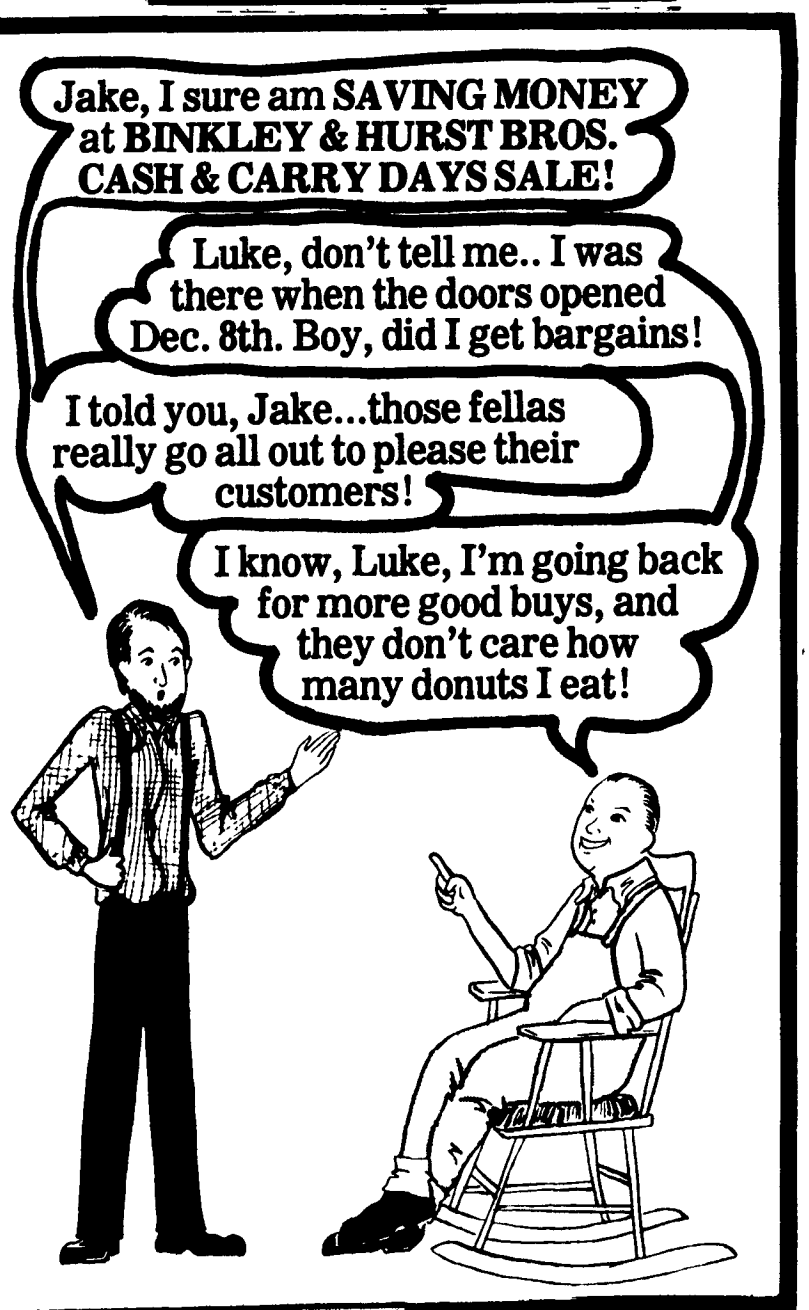
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Lancaster County DHIA Honors Top Members, Supervisors

SMOKETOWN — A major organizational change in the Pennsylvania DHIA program is necessary if the association is to grow and meet the needs of current and potential members, DHIA General Manager Richard Barth told Lancaster dairymen this week.

Barth was speaking to Lancaster County DHIA members attending their annual meeting at Good 'N Plenty restaurant in Smoketown Wednesday.

"We have no marketing ability in the organization with the program we have," he said. Supervisors do not have the time to sell the association to potential members.

In the past, Barth noted, changes in DHIA have occured in 15-year intervals, with the first major improvement coming in 1956, when the first computer was installed at Penn State to calculate cow records.

The next change came around 1970, when a centralized testing lab was opened in State College. In 1986, another change — this time in organizational technology — is brewing.

Two major reasons for change, Barth suggested, are lack of marketing ability under the current system and an inability to adequately police the ranks. The integrity of records hangs on the association's ability to enforce the rules, he stressed.

But while Barth called for organizational change at the state level, he applauded Lancaster DHIA members for the quality of their program, noting that two state directors and one national director hail from the county.

In many ways, the state association is also strong, Barth noted. The number of cows enrolled in the program is up almost 7,000 from 1985; however, the number of herds has decreased, indicating an escalation in average herd size, he added.

Financially, the state organization is strong and members can expect to pay the same rates in the coming year. Nevertheless, rates may be increased in 1988, he said.

The percent participation of cows has remained nearly the same and lab usage has been peaking at about 62 percent, he reported.

Barth said his biggest disappointment for the year has been the lack of participation in the AM/PM program. The goal for 1986 was to raise participation by 5 percent to the 25 percent level. But as of the end of November, participation has increased only about 1.5 percent, despite the Holstein Association's commitment to the program. "That's a real disappointment for me," he said.

For 1987, Barth said, he would like to see DHIA achieve excellence in service, integrity, reliabilty and innovation. To achieve that goal, the association will need to diversify service, improve record integrity, improve the supervisor force and employ new technology, he said.

The immediate objectives of DHIA, Barth said, are to control costs while diversifying services, and to increase enrollment to defray fixed expenses.

In the more distant future, DHIA members can expect a new nutrition system, a herd health system, and a young stock program.

"The center section is splitting," Robert Damm said. The director of field service and marketing for Pennsylvania DHIA noted that in Pennsylvania two farm sizes are increasing — below 50 cows and over 100 cows.

"DHIA has aimed programs at the middle section," Damm said. He suggested to the Tuesday group that DHIA will have to develop programs to meet the needs of the larger and smaller herds.

Lancaster County DHIA will see changes in field services and the entire program. Solutions to Lancaster County's problems will have a ripple effect to areas outside the county with similar problems, he added.

Last year Lancaster County added 71 herds to its ranks and dropped 51 herds for a net gain of 20 herds. This raises the number of herds on test in the county to 1,066, according to Jay Mylin, county manager. However, in spite of the increase in herds, the county association posted a deficit of $9,366.60.

Norm Hershey, Lancaster DHIA president, noted that net margin does not reflect the true financial picture of the program. "The county portion of the DHIA fees hasn't increased in sometime and the association has a healthy savings account," he said. The board will address this issue at their upcoming winter meetings, he noted.

Robert Kindig, state DHIA president, congratulated Lancaster members on a very good year. New enrollments equaled or outpaced by a few the number of cows lost to the buyout program.

Another bright spot, he noted, is the decreased turn around time (period between the time a herd is tested and the time test resluts are mailed) accomplished with the new mainframe computer.

Millie Linde was honored for the high Guernsey herd. Weaver Homestead, represented here by Don and Nelson Weaver, was honored for having the high fat production herd in the county.

Honored Wednesday for top milk produciton herds were, from left, Martin Herr, Holtwood; Harold Shelly, Manheim; and Richard Wenger, Manheim.

Lancaster County dairymen honored for having herds with somatic cell counts under 100,000 included, from left, Nathan Stoltzfus and Kerry Boyd.

Two New Holland farms shared the top production awards in the county. Weaver Homestead Farm received the award for high fat production herd. On 127 cows, the Weavers averaged 22,545 pounds of milk, 847 pounds of fat and 675 pounds of protein.

Lapp Valley Farm registered the high milk production with an average of 23,308 pounds of milk, 812 pounds of fat and 725 pounds of protein on 71 cows. This average qualified for the top milk production award for the Holstein breed.

The top milk production award for the Ayrshire breed went to Harold Shelly, Manheim. He completed a herd average of 15,346 pounds of milk, 610 pounds of fat and 498 pounds of protein on 27 cows. Warren Schmuck owned the top Ayrshire for fat. His 3 year old produced a record of 20,276 pounds of milk, 804 pounds of fat and 639 pounds of protein.

Richard Wenger garnered the Brown Swiss high milk production award with an average of 16,862 pounds of milk, 673 pounds of fat and 564 pounds of protein on 103 cows. His 5 year old lead the county for fat production with a record of 24,516 pounds of milk, 1,048 pounds of fat and 816 pounds of protein.

Guernsey honors went to Axel and Mildred Linde's herd of 68 cows. During the 1985-1986 testing year the herd averaged 15,172 pound of milk, 715 pounds of fat and 538 pounds of protein.

"Dolly," a 4 year old owned by Kenneth Garber, topped the breed for fat production. Her 305 day record stands at 19,746 pounds of milk, 1,069 pounds of fat and 708 pounds of protein.

In the Jersey breed, Marvin Herr produced the highest milk production. His herd of 60 cows averaged 14,222 pounds of milk, 666 pounds of fat and 541 pounds of protein.

Robert Ulrich Jr. owned the high Jersey cow for fat production. "Fancy" completed a record of 19,003 pounds of milk, 970 pounds of fat and 740 pounds of milk for the title.

An average of 13,929 pounds of milk, 555 pounds of fat and 456 pounds of protein on 20 cows secured the high milk production award of the Milking Shorthorn breed for J. Douglas Marsh, Nottingham. His 6 year old lead the ranks with a production of 19,123 milk and 809 fat.

Kirkwood dairyman Karl Herr claimed the top production award in the Red and White category. His herd of 45 cows averaged 16,233 pounds of milk, 573 pounds of fat and 505 pounds of protein.

High fat cow honors for the Red and White breed went to Indian View Farms' cow with a record of 19,302 pounds of milk, 781 pounds of fat and 623 pounds of protein.

G.M. Weaver of New Holland copped the top production award for the mixed breeds with an average of 19,270 pounds of milk, 681 pounds of fat and 591 pounds of protein on 49 cows.

A cow owned by Pequea Meadows Farm lead the Holsteins. This 4 year old produced 29,023 pounds of milk, 1,207 pounds of fat and 837 pounds of protein in her most recent lactation.

Two Brown Swiss herds maintained the lowest somatic cell counts in the county. Kerry and Deborah Boyd of Ephrata received recognition for the lowest count at 76,000. Donald Trimble of Peach Bottom produced the second lowest count at 85,000.

Other herds producing an SCC under 100,000 include: David Stoltzfus, 87,000; Roy Sensenig, 87,000; Curtis Akers, 88,000; John

(Turn to Page A21)

Supervisors honored Tuesday with the Supervisor Performance Award were, from left, Harold Lindecamp, Tom Garrett, Wilbur Houser, Jim Lehman, and Harold Probst.

Receiving the Supervisor Performance Award for outstanding service on Wednesday were, from left, Maurice Welk, Jay Risser and Floyd Zook.

Vo-ag Educator Retires

(Continued from Page A1)

Givler helped to guide many youths toward successful careers in agriculture.

His own career began in 1952, when he developed a vo-ag program and an FFA chapter at Red Lion High School. In 1955, he took his expertise to Pequea Valley High School, where he set up a similar program.

The state hired him in 1967 to work with vo-ag programs in Lancaster and York Counties. In 1970, he began working with vocational programs in nine southeastern counties and with all vocational programs in Lancaster and Chester Counties.

Givler's duties include working to obtain federal funds for vocational programs and making sure schools abide by state regulations.

But as of Dec. 24, Givler, 58, will retire from his post, giving him more time to spend with his wife, Barbara, and to devote to travel and church activities.

When he started working for the state in 1967, Givler recalls, 36 vo-ag advisors were working in Pennsylvania. When he leaves later this month, four will remain. "I doubt that we'll ever get back to where we were," Givler says of the decrease.

As state staff positions have been vacated, they generally have not been filled in an effort to reduce the number of state employees, Givler said. Clair Greene will assume Givler's responsibilities in Lancaster County.

Another change since the 50s, Givler said, is the entrance of women into the vo-ag and FFA programs. Since then, a number of Lancaster County women have gone on to become state officers and several have received their American Farmer degrees.

Discussing the strengths of the FFA and vo-ag programs, Givler says: "I think their strength is that they teach them a life skill. I personally think ag is something that everyone should have an understanding of.

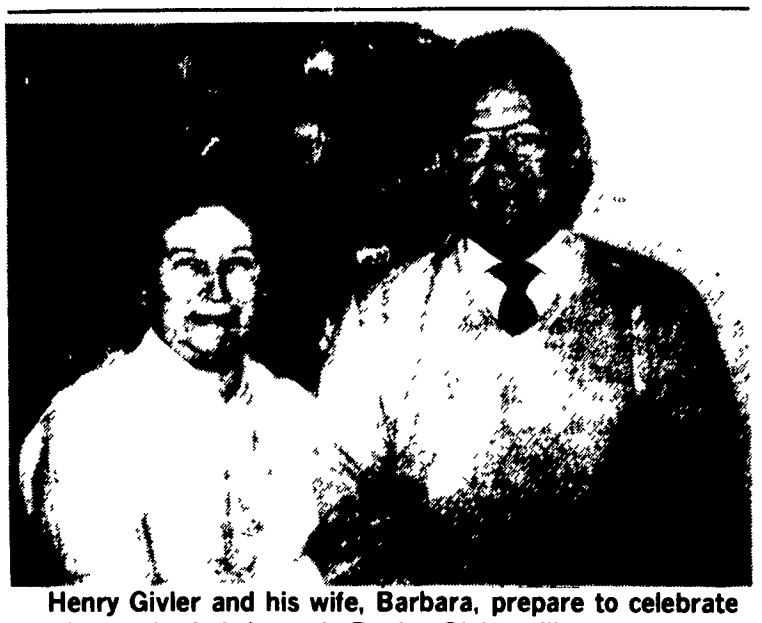
"All FFA contests are making them use things they learn in the classroom." The opportunity to test themselves against their peers allows vo-ag students to gain self-confidence, he said.

Along with self-confidence, Givler said, comes a willingness to work. Vo-ag students come out of high school with a positive attitude toward work and a desire to help other people. They realize nobody owes them anything and that they must work for what they want, he said.

Givler credits students, parents and teachers for making the vo-ag and FFA programs a success. "The teachers that I've had to work with have been good and that's where the success comes from," he said. "I was just fortunate to be able to work with them."

Even in retirement, Givler will continue to be active in the FFA as a current trustee of the Pennsylvania FFA Foundation. In 1983, he was honored with the honorary American Farmer degree.

Givler and his wife, Barbara, reside at 93 Eastbrook Road in Ronks and are the parents of five children.



Henry Givler and his wife, Barbara, prepare to celebrate Christmas in their home in Ronks. Givler will retire from his position as regional agriculture education advisor Dec. 24.

Dairy Management School Set

ITHACA, NY – Seven scientists from Cornell University and the University of Massachusetts will visit major dairy regions in New York State and Massachusetts in January to help dairy farmers sharpen their production techniques and management skills.

They will travel to Watertown, Batavia, Lake George and Oneonta in New York State, and to Chicopee, Mass., to conduct a series of two-day dairy management schools beginning Jan. 6.

The 1987 Winter Dairy Management Schools will focus on animal nutrition, reproduction, genetics, housing, milking and farm management and cost control. An open forum to discuss issues facing the dairy industry will round out the program in each location.

The schools, which are open to all dairy farmers in the Northeast, are scheduled as follows: Jan. 6 to 7, Watertown; Jan. 8 to 9, Batavia; Jan. 20 to 21, Chicopee, Mass.; Jan. 22 to 23, Lake George; Jan. 27 to 28, Oneonta.

Speakers at these meetings will be Larry E. Chase, Robert W. Everett, William G. Merrill, E. John Pollak, Terry R. Smith and Charles J. Sniffen, all from Cornell's Department of Animal Science, the sponsor of the events.

For information about registration, contact Robert Everett, Department of Animal Science, Cornell University, N.Y. 14853. His telephone number is (607) 255-2848.

Lancaster County DHIA

(Continued from Page A20)

Weaver, 90,000; Harold Witmer, 97,000; and Nathan Stoltzfus, 97,000.

The top protein production herds are: Lapp Valley Farm, 725; John Howard, 724; John Brubaker, 720; Paul Martin, 719; Robert Gochenauer, 702; Aaron Zeisit, 693; Allen Lee Stoltzfus, 687; Dale Hershey, 681; Robert and Linda Sensenig, 679; and Weaver Homestead, 675.

Herds averaging over 750 pounds include: Weaver Homestead Farm, 847; Paul Martin, 822; John Howard, 815; John Peters, 814; Lapp Valley Farm, 812; John and Barbara Brubaker, 798; Robert and Linda Sensenig, 789; Allen Lee Stoltzfus, 781; Curtis Akers, 774; R. Edwin Harnish, 769; John Zimmerman, 766; Henry Stoltzfus, 759; Vernon Umble and Son, 755; Christian and Marvin Zook, 753; Robert Kauffman Jr., 752; Dale and Steve Hershey, 750; and John Beiler, 750.

Recipients of the supervisor performance award include: Tom Garrett, Jim Lehman, Harold Lindecamp, Wilbur Houser, Harold Probst, Jay Risser, Maurice Welk and Floyd Zook.

Other supervisors recognized are: Moses Martin, Jonathan Owens, George Book, Mary Seward, Owen Etter, Patti Johnson, Jay Mylin and Nelson Kreider.

Newly elected directors of the Lancaster DHIA association are: Nelson Wenger, Norman Hershey, Melvin Beiler, J. Kenneth Hershey and Marvin Witmer.

The 1985-1986 testing year marked the 47th year for Lancaster County DHIA. During this year the record 37,675 cows on test established a county average of 17,049 pounds of milk and 617 pounds of fat.

Earl & Merrill. . .

GAS ENGINE OR BATTERY POWER?

Earl "Good morning, Merrill. I just stopped by to get some advice. By the end of the year the hired man is leaving, and the boys and I are going to be milking cows by ourselves."

Merrill "Well, good enough. I'll help any way I can.

Earl "We want to get a power silage cart. Should I get a gas engine or battery powered cart?"

Merrill "Well, let me tell you of our experience. We bought our first Weaverline battery powered cart back in 1973. We used that cart for 10 years. We replaced the batteries one time, and when I traded the cart on a new one, the 2nd set was still going strong."

Earl "How long do you have your present Weaverline Cart?"

Merrill "We bought the Weaverline 430 Hydrostatic Cart in the fall of '83 and, I tell you, that is one machine I wouldn't want to do without."

Earl "How often do you have to charge the batteries?"

Merrill "The cart has a voltmeter that tells you when to charge. We feed 12 cartloads a day and charge the batteries about twice a week."

Earl "It seems to me battery power is the way to go in a silage cart."

Merrill "That would be my advice!"

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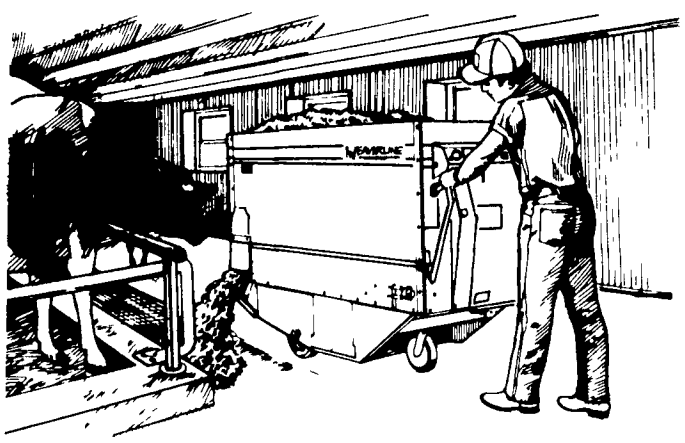

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Lehigh-Northampton Extension To Merge

BY ED SHAMY
Special to Lancaster Farming

Experimentation has long been part of the cooperative extension service in Pennsylvania. But it has come traditionally in the laboratories and test plots of Penn State University.

Now, spending cutbacks in the federal budget are requiring the extension service to do some experimentation on its own operations in Lehigh and Northampton counties.

The neighboring counties, hit with the attrition loss of county agents since the late 1970s, are beginning to cooperate and are taking steps toward merging their operations.

Penn State officials admit they are watching the Lehigh and Northampton activities with a careful eye, trying to determine if they can offset financial funding setbacks in other parts of the commonwealth with similar mergers.

Since July, Lehigh and Northampton have shared a common extension director. They are poised to hire a horticulturist to serve both counties and this week (EDITORS: WEEK OF DEC. 8) began screening applicants for a food and nutrition post.

It may be just a matter of time before the two operations share an office.

"As the federal dollars are decreased, we're going to have to look more and more to the state and counties for help," said Dr. Wayne Hinish, an associate director of Pennsylvania's extension service at Penn State.

So far, the counties have been shouldering the responsibility.

Lehigh County commissioners and Northampton County council members have agreed to include $13,500 in their respective 1987 fiscal year budgets to pay for a horticulturist.

When the position is filled, in the first months of next year, it will pay about $18,000 annually. The rest of the money will go toward employee benefits and the counties' share of unemployment insurance.

Extension service executive committee members in the two counties support the joint employee proposal.

Robert Leiby, who directs the extension service offices in Lehigh and Northampton counties, said many of the officials were convinced of the need for a horticulturist earlier this year, when two sets of statistics were assembled to support the need.

The Pennsylvania Nurserymen's Association estimated that the sale of horticultural, nursery and sod products in the two counties generated $36.2 million in sales annually, said Leiby.

And calls to the two offices in which horticultural information was requested were monitored for three weeks in April and May.

During the period, 844 calls came into the two offices — some from the 670 commercial growers and others from amateurs — and more than 100 of the calls never received a response because of the heavy workload of the county agents.

Leiby is an agronomist, specializing in potato crops. His colleague in Lehigh County, Dave Dunbar, specializes in dairy sciences. Cynthia Walls, also an agent in the Lehigh office, specializes in family topics such as financial management and sociology.

Lehigh County has been without a horticultural agent since the late 1970s.

Northampton County has done without an agent assigned specifically to horticulture since 1984. There were four agents in the county office when Joel Simmons resigned his horticulturist job to accept a post elsewhere.

In March, extension home economist Mary Ellen Newman left the Northampton County office to accept an extension job in Maryland. She was not replaced.

In June, Northampton County Extension Director Charles Forney retired, taking with him his knowledge of horticulture. He was not replaced.

The attrition left dairy specialist Greg Solt and 4-H agent Beth Teaford to hold down the fort.

Leiby joined them in July, and has had to learn the mechanics of working in another country.

Lehigh and Northampton counties have different forms of government and the bookkeeping tasks for which he is responsible are different in the two counties. He said he spends about a day a week in Northampton County, contributing where he can his agronomy skills.

This week, Leiby, Walls and Penn State representatives began sifting through the applications for the new home economist position they will fill in Northampton County. The position will be funded by Penn State with a blend of state and federal funds, said Leiby.

That has been the traditional form of placing agents in Pennsylvania's counties, with the university supplying the specialists and paying their salaries and the counties providing office space, clerical workers and vehicles.

Leiby said the Northampton home economist would be hired for food and nutrition skills, to complement Walls' family management skills in Lehigh County. The pair could then assist in one another's counties, he said.

The home economists' job, which will also pay about $18,000 a year to start, should be filled by Feb. 1, he said.

After the extension agents are all in place, attention may have to turn to office space, according to Leiby.

For years, rumors have circulated that the Lehigh County extension service would be removed from the county courthouse in Allentown.

With space in the courthouse at a premium, county commissioners could at any time decide to make the building available only to court-related offices and require the extension service to move.

"Potentially, we would look at making one central office" with Northampton County, he said.

Northampton County now has its extension offices in the Gracedale complex in Upper Nazareth Township, just west of Nazareth.

Hinish of Penn State said officials at the university would watch the Lehigh and Northampton activity with interest as a possible solution to cutting costs.

"It will be decided entirely by the two counties," said Hinish. "We would look favorably upon it."

He said he expected to discuss with Leiby next summer how practical the task of managing both county offices was for one director.

Dairymen Inc. Returns $16.4 Million

LOUISVILLE, Ky. — Members of Dairymen Inc. who market milk through their 16-state regional milk marketing cooperative are now receiving equity checks and equity reinvestment confirmation notices totaling $16.4 million.

This payment to approximately 8,000 equity holders throughout the middle Atlantic and southeastern states represents the retirement of $13.8 million of per unit capital retains and patronage dividends allocated to members' accounts for the fiscal year which ended Aug. 31, 1981, together with the retirement of approximately $2.6 million of Member Equity Reinvestment Program — Series 1983 investments eligible for redemption.

Dairymen's Corporate Board of Directors authorized the retirement of this member equity at its September 1986 board meeting. Each year the board must take the necessary action to authorize the retirement of member equity under the cooperative's revolving program. This year equity was again retired on a five-year revolving cycle — one of the shortest retirement cycles in existence among dairy cooperatives.

Dairymen members have invested in their cooperative $88 million at the close of the fiscal year on Aug. 31, 1986. This strong member equity position is important for Dairymen in carrying out its marketing programs and in continuing to retire member equity on such a short revolving cycle.

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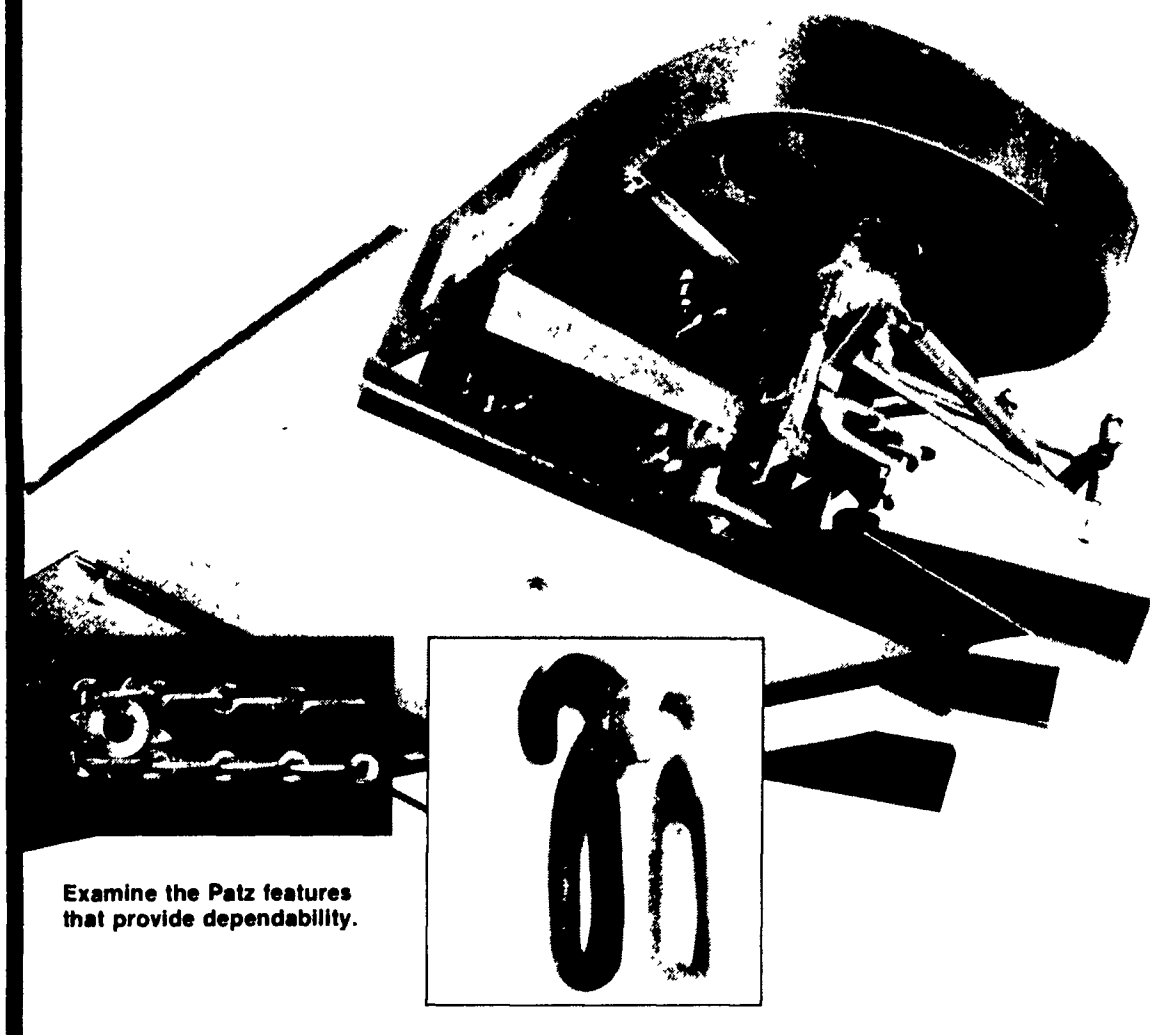

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Lehigh Holstein Club Elects Directors

GERMANSVILLE — The Lehigh County Holstein Association held its annual dinner meeting on Dec. 8 the Bake Oven Inn.

Scott Sell and Bruce Dietrich were elected to fill two openings on association's board of directors.

Junior members recognized for achievements with their 4-H dairy projects were: Steven Dietrich, Shannon Semmel and Andrea Semmel.

Ken Raney, membership director of the state association, encouraged members to place an ad in **Profiles** the association's magazine. He also reminded members to renew their state Holstein association membership by Jan. 22.

Raney noted the state convention would be held Feb. 24 to 26 in Wilke-Barre; the spring show and sale is slated for March 26 to 28 in Harrisburg.

Ernest Miller, a Berk County dairy farmer and the guest speaker for the evening, presented a slide show on his recent trip to Russia and China.

Directors of the Lehigh County Holstein Club include, from left, Bruce Dietrich, Andrea Semmel, Jerry Fleck, Richard Graff and Scott Sell.

Young Cooperators Represent Eastern Milk

SYRACUSE, N.Y. — Kevin and Catherine Barrett of Towanda, Pa. and Allan and Patricia Pullis of Richfield Springs, N.Y. attended the National Milk Producers Federation convention Dec. 1 to 5 in Las Vegas, Nev., as the Young Cooperator representatives of Eastern Milk Producers Cooperative.

It is the second time that Eastern has sent young farm couples to the federation's national convention.

Eastern President Earl Forwood, a dairy farmer from Hop Bottom, Pa., noted that the Young Cooperator program "helps prepare member farmers" between 17 and 36 "for future cooperative leadership."

The Barretts have been farming in partnership with Kevin's parents for the past 13 years. Their Towanda farm consists of 500-plus acres with 80 head of the Holstein cattle.

Pullis and his wife are also partners with his parents. Their 500-acre farm in Richfield Springs has 80 milking Holsteins.

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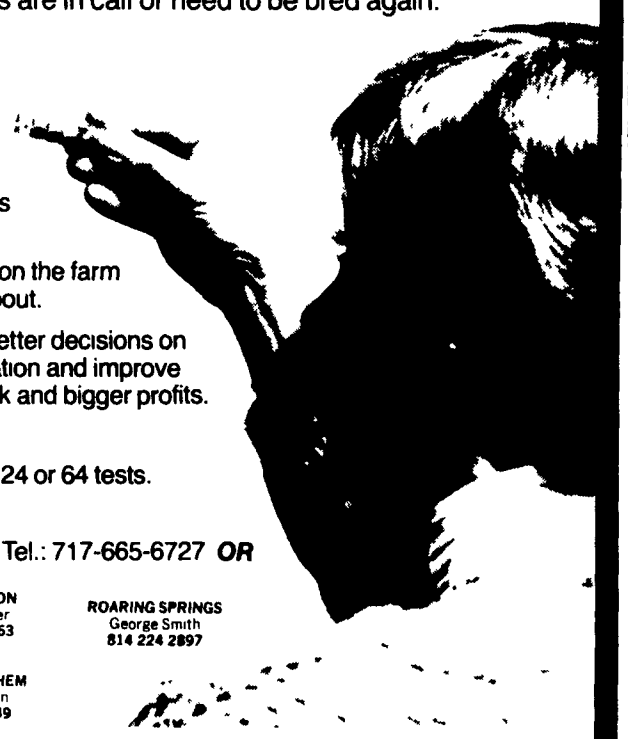

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Hidden View Farm Repeats As Top Berks DHIA Herd

BY ROBIN PHILLIPS
Berks County Correspondent

LEESPORT — Berks County DHIA closed out its 58th year last week with the annual awards presentations and banquet at the Berks County 4-H Center, Leesport. The 219 herds on test in the county boasted an average of 16,600 pounds of milk on 13,235 cows.

Usually at the top of the list and always in the top five herds leading the county is the Hidden View Farm of Charles and Tim Kissling families, Robesonia R1. Their registered Holstein herd of 68 cows averaged 22,182 pounds of milk, 832 pounds of fat and 693 pounds protein to again lead the list in all three categories.

Second place in milk and protein production in the county was the 58 Holsteins of Forrest Stricker, Wernersville R1. His cows averaged 21,731 pounds of milk, 670 pounds of protein and 760 of pounds fat to give him third place for fat production.

Second place for fat production in the county went to the 100 cow herd of David Schrack, Womelsdorf. His cows averaged 773 pounds fat with 20,121 pounds of milk and 634 pounds of protein.

The individual cow awards featured the high lifetime milk and fat production award to the Lee cow of Heindel Farm, Womelsdorf R1. She produced 235,511 pounds milk with 9,818 pounds of fat.

The high Ayrshire in the county for 1986 also belonged to Heindel Farm. "Dawn" produced 22,070 pounds of milk, 898 pounds of fat, and 676 pounds of protein to lead the county in all three categories.

The Brown Swiss herd of Dean and Brenda Daubert, Bernville, R1, took home the high Brown Swiss honors. Their cows, Sugar, producing 25,909 pounds of milk with 818 pounds of protein, lead those divisions while Emily topped the fat list with 897 pounds.

High Guernsey for milk and fat belonged to Carl Hollenbach, Bernville R1. She produced 18,772 pounds of milk and 742 pounds of fat. Jerry Krone, Oley, R1, owned the highest Guernsey for protein production with 597 pounds.

The highest producing Holstein in milk production hails from the Vista Grande Farm, Fleetwood, R4, herd of David and Phoebe Bitler. Bethany produced 34,845 pounds of milk. The highest producing Holstein in fat production went to Flute, owned by Plushanski Farms. She produced 1,596 pounds fat. Plushanski Farms also owns the highest protein producer with 1,076 pounds.

Highest producing Jersey in milk and protein production went to "Joy" in the Irish Creek Jersey herd of David Phillips, Mohrsville, R1. She produced 17,176 pounds of milk with 648 pounds protein. The Dreisbach's Longmeadows Farm herd owns the highest fat producer with 889 pounds.

Sam Yoder, Shoemakersville, owns the highest producing milking shorthorns with the Roncher cow producing 15,630 pounds of milk, the Alfair cow producing 571 pounds of fat and the Jill cow producing 490 pounds of protein.

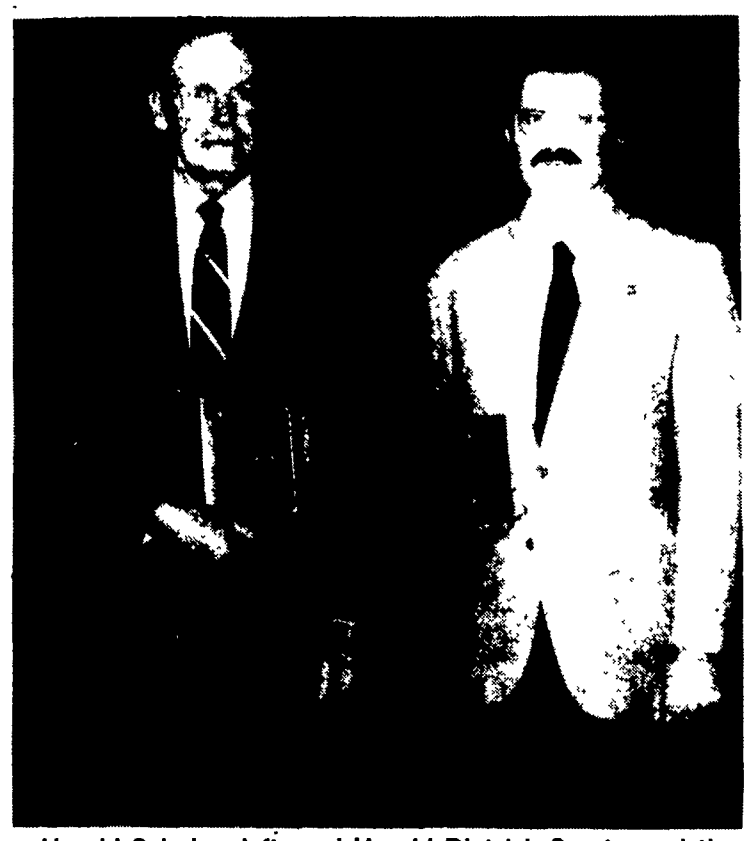
Low somatic Cell count awards were also given. Presented by Clyde Myers, Berks County extension agent, the awards personified the care given to high producers and high quality milk. Myers stated there were 24 herds in the county with counts under 200,000 with four of these herds milking over 100 cows. He also noted that the production average for these low count herds was 17,600 pounds of milk, noting that low somatic cell count herds produce more milk.

The lowest herd in the county went to Harold Schuler, Fleetwood. With a low somatic cell count of 91,000, Schuler's 38 Holsteins pumped-out 19,128 pounds of milk, 667 pounds of fat and 603 pounds of protein to put him in 36th place in production in the county. Second lowest cell count award went to the mixed herd of Harold Dietrich Sr., Hamburg, R1, maintaining a count of 126,000.

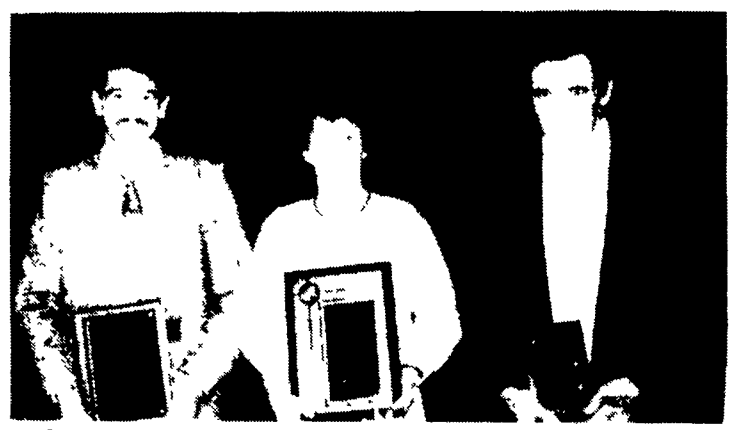
The award for the most improved herd for milk, fat and protein production went to the Muddy Creek herd of John Bicksler, Bethel R2. His cows produced 15,855 pounds of milk, 557 pounds of fat and 471 pounds of protein, for an increase of 5,140 pounds milk, 157 pounds fat and 131 pounds protein.

Awards were also given to supervisors for years of service and the least mistakes in their reports on each herd in their district. JoAnn Moser, Hamburg, received the highest bonus of $200 for the least mistakes made in 1986. Robert Keppley, Newmanstown, received a longevity bonus for 30 years of service.

The association elected new directors, for the 1986-1987 year. They are: circuit 1, Tim Kleinsmith; circuit 3, Leonard Stoltzfus; circuit 4, Helene Dreisbach; circuit 5, Darrel Harnish; circuit 6, Donald Duncan; circuit 7, Harold Dietrich Sr.; circuit 9, David Gross, and circuit 10, Forrest Strickler. The new owner-sampler herd director is Christine Grube.



Harold Schuler, left, and Harold Dietrich Sr., topped the county for the lowest somatic cell count herds. Schuler's herd maintained an average of 91,000 for the year.



Forrest Stricker, Mrs. Tim Kissling and David Schrack took home the high herd awards.

High individual cow awards in each breed went to: back row, Carl Hollenbach, David Bitler, Jerry Krone and George Seidel. Front row, Dean and Brenda Daubert and David Phillips.

The new directors included: back row - Don Duncan, Leonard Stoltfus, Darrell Harnish, Forrest Stricker, Harold Dietrich, front row: Christine Grube, Tim Kleinsmith, and David Gross.

Maryland Youths Win Hort Show Honors

COLLEGE PARK, Md. — Maryland's youth delegation continued a tradition of excellence in competitive events during this year's fifth-second annual meeting of the National Junior Horticultural Association, held Oct. 31-Nov. 3 in the Marriott Hotel at Raleigh, N.C.

The Maryland 4-H horticulture judging team finished second among 17 similar teams, and a Maryland FFA delegation placed fifth among 10 state teams in its category.

Maryland 4-H teams have finished fifth or better in national youth horticulture judging competition every year since 1970. They have won six national championships since 1972, including last year.

Danny Sheehan, 15, of Mattawoman (Charles County) led the way for this year's Maryland 4-H judging team by placing fourth in a field of 65 individual 4-H contestants. He had been high individual in judging both flowers and ornamental plants during senior 4-H horticulture judging competition this year at the Maryland State Fair.

Tom Gibney, 15, of Colora (Cecil County) was sixth in the national contest. He had been runnerup in senior 4-H horticulture judging competition this year at the Maryland State Fair and first in horticultural pest identification.

Mary Beth Janicki, 15, of Pikesville (Baltimore County) placed ninth in the national contest. She was high overall indivdiual in senior 4-H horticulture judging competition this year at the Maryland State Fair.

Mark Secrist, 16, of Cordova (Talbot County) was the fourth member of the Maryland team.

For the third year in a row, Maryland was represented in the FFA category of the NJHA contest by a team from Brunswich high school (Frederick County). Members of the all-girls team were Chris Axline, Kelli Pry and Kellie Harding.

Miss Axline was fifth among 36 individual FFA contestants in the national contest, and Miss Pry finished ninth.

In the consective years of national competition the Brunswick FFA horticulture judging teams have consistently placed either fourth or fifth. Their FFA advisor is Karen Arrington, a vocational agriculture teacher at the school.

Three Maryland youth participated in the honors division of the NJHA horticulture judging competition. This category is open to persons who have placed fifth in previous national contests or were members of national championship teams.

Julia Ford, 17, of Winfield Heights (Carroll County) placed fourth in the honors division, and Christie Schneider, 17, of Pleasant Valley (Carroll County) was fifth. Stephen L. Sprout, 20, of Rising Sun (Cecil County) also participated in the contest.

Harry C. Hearn, Jr., of North Laurel (Howard County) was third in the junior open NJHA judging category for individuals in the age range of 15 to 18. He placed second in the same event last year.

George S. Marvin of LaPlata (Charles County) coached the Maryland 4-H horticulture judging team, as he has done every year since 1978.

Dairy Distinction Program

(Continued from Page A1)

day administration of the program in Pennsylvania also.

Except for a stipend paid to the executive secretary, the program is run by volunteers and the costs are low budget mostly to pay for the attractive metal signs given to the designated farm families and a small yearly expense remuneration to each district in the program. To facilitate the orderly forward movement of the program a separate treasury was set up in Pennsylvania.

Naomi Spahr, Lititz, was elected treasurer of the Pennsylvania state organization. In addition, Spahr was appointed to the finance committee of the Northeast Dairy Farm Beautiful Program.

Also elected at Monday's meeting was Everett Newswanger, president, and Daniel Baker, Sr., vice president. Spahr has been active in the Lancaster County Dairy Princess Pageant. Newswanger is managing editor of Lancaster Farming. And Baker is a dairy farmer and district sixteen director of the American Dairy Association and dairy council. Paul Nichols was appointed communications director. Nichols is manager of industry relations for ADA and DC. Named directors at large were William Smedley, Pennsylvania Department of Agriculture and dairy promotion; Darwin Braund, Agway; Nichols and Newswanger. At least one director from each district committee will also be named to the state board as these persons become known.

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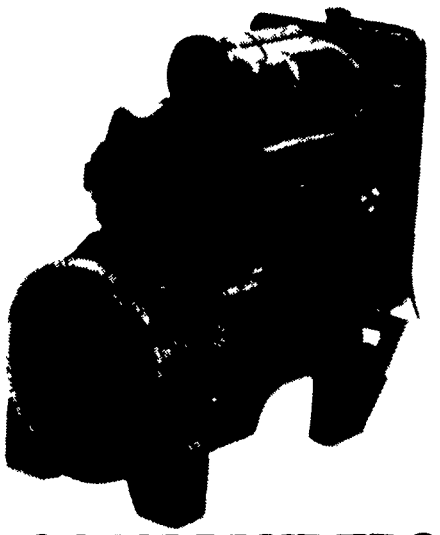

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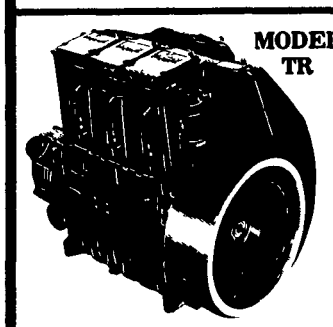
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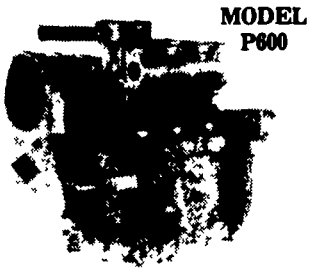
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Jefferson County Herd Leads Pa. DHIA Rolls

BY BETH NESBIT
Indiana Co. Correspondent

REYNOLDSVILLE — Situated down a country lane among the vast fields of Jefferson County is a farm that houses a herd of 35 Holsteins. During the 1985-1986 testing year, this herd received the top milk production honor in Pennsylvania.

After seven years of dedication and hard work, 31-year-old Brad Smith along with his wife, Marcia, have attained a herd average of 25,939 pounds of milk and 832 pounds of protein — the numbers that made them number one in the state.

In 1976 Brad graduated from Delaware Valley College with a degree in dairy husbandry. Without the benefit of a dairy background, Brad moved to Bradford County to work on a dairy farm for two years following graduation. With this experience and schooling, he moved back home to Clearfield County to begin farming on his own.

Brad and Marcia established themselves at what they now call home in early 1979. For a year they managed the farm owned by Byron Moore. Then in 1980 the young couple bought the cattle and machinery and leased the real estate with the option to buy.

Actual production increase did not begin to take place until the 1983 dairy diversion program. Brad believes that his participation in the diversion program was one of the initial steps to better production. According to Brad it was "the best thing we ever did." Participation in the diversion program cut his herd from 50 to 30 cows with a rolling herd average of 20,000 pounds of milk.

The Jefferson County dairyman stated that he does not want to fall into the vicious cycle of increasing quantity. He doesn't believe that quantity is important, it is quality that counts.

When the Smiths began working for Byron Moore in 1979, the herd was not on test. After settling in, Brad and Marcia started the herd on the DHIA testing program.

Brad credits the Youngs feeding program to the high herd average along with the constant ration each cow receives. Today the Smith's herd ration consists of 10 to 12 pounds of hay, 25 pounds of haylage and 25 pounds of silage. Besides feeding his own mixture of ear corn, shelled corn, soybean, barley and minerals, Brad top-dresses the ration with soybeans and distiller's grain.

Brad doesn't foresee a repeat of this production. He based this prediction on the fact that in the 1985 crop year he had a better quality of forages than in the 1986 crop year.

One of the few things that Brad has not changed since he began in the dairy industry is his breeding program. He handles most of the breeding work himself using Atlantic sires.

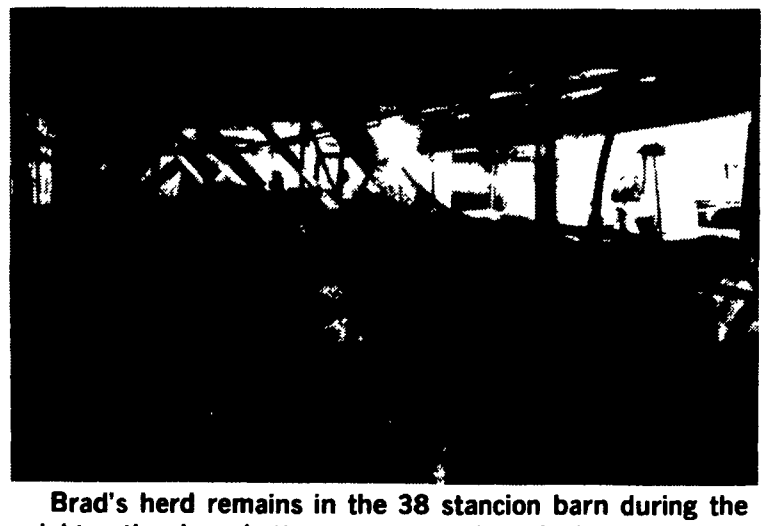
One of Brad's best producers is "Sherry," a 4-year-old Superior daughter out of one of the highest producing families in the Smith herd. Sherry's current record stands at 33,000 pounds of milk. One of her maternal sisters produced a top record over 20,000 pounds of milk and a second peaked at 26,000 pounds.

The Smith note that receiving the state title for milk and protein leaders has positive and negative points. Brad stated, "Now I'm on every committee every heard of." Marcia pointed out, "It gives you a sense of gratification knowing we have achieved this position after all the hard work."

The persistance and dedication of this young couple have been two key characteristics to maintaining their quality Holstein herd.

Brad is pictured here with one of the oldest cows in their herd, Lucy, 10 years. Lucy's best record is over 32,000 pounds of milk and 1,060 pounds of fat.

The Smiths look at the final Dairy Herd Improvement sheet of the 1986 testing year. Pictured left, Brad holding Dustin, 11 months, Marcia holding Michelle, 3 years.



Brad's herd remains in the 38 stancion barn during the night so they have better access to grain and mineral supply.

USDA Buyout Report

WASHINGTON — An estimated 8,800 head of dairy cattle were slaughtered in federally inspected plants during the week ending Nov. 22, as a result of the Dairy Termination Program, the U.S Department of Agriculture announced Wednesday.

This total includes all cows, heifers and calves identified as dairy animals designated for disposition in compliance with the program requirements.

The cumulative total of cattle slaughtered under the program from April 1 through Nov. 22 is an estimated 870,600 head.

The purchases of meat in addition to normal purchases are to help offset the effects of the DTP on the domestic meat market. The cumulative purchases, reported biweekly as of Dec. 5, total 333.3 million pounds.

Dairy cattle reported for export under the program for the period April 1 to Dec. 5 totaled an estimated 45,719 head. An estimated 1,205 were exported during the week ending Dec. 5.

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Faith And Farming Speaker

(Continued from Page A1)

this period of history and where we are going.

I'm an optimist about agriculture. I have a contract that I can't get back in agriculture for four years. And I think 1990 might be just right. It's my opinion that it's going to take most of the '80s to work out the dislocation that happened in the '70s so the '90s can be more like the '50s and 60s and the post war years of agriculture. Let me state that again then I'll build on that theme.

It is my contention that it's going to take most of the '80s to work out the dislocation that happened in agriculture in the '70s so the '90s can be more like the '40s, '50s and '60s in agriculture. Let me go through that '40, '50 and '60 period with you for a little bit.

There were several things that happened in the post war years. I take the wars through the '60s as the post war years in agricultural. One was the technological explosion. I don't have to go through a lot of this for you to see what happened. All of the technology that happened in the Hybrid corn, Hybrid wheats, all the other Hybrids, the technology that happened in farm equipment that took labor out of farming, that took all the fun out of baling hay where we use to sit behind the baler in the hot Kansas sun. We had an old Case baler. My father was the tier and I was the poker. If you remember those old Case balers and the hay would get tough. He sold that baler because I was losing my religion cussing about poking that wire through there. It's not worth it. We baled hay custom. I had a brother who run a tractor, my father tied and I poked and about two years of that. Ed said, "Hey, you know you're not going to be a Mennonite if we do this much longer." So we sold that baler and went on to something else.

There was a lot of diversification of risk during that time. People tried to diversify what they were doing. They didn't raise just wheat or just corn or just hogs or just cattle. There was a lot of diversification going on. It was a real replacement of labor with machinery on a productive basis. So a lot of good things happened with technology and replaced. We got more productive when we were raising crops at a better price per bushel. We had real income from farming versus land value. The income from farming was very high during the '50s and '60s. If I had charts here I could show you the income from raising the crop was very high. The inflation on that farm was not very high. So there was real productivity happening. There was real income happening. There was a gradual increase in land value. So people bought land, and it gradual went up. But nothing miraculous. You just made pretty good money farming. Then you made a little money on your land. Then you didn't make a lot of money on either. You begin to build a little equity.

Everybody's been leaving the farms since during the 1930s. It's been happening regularly. The crisis that's been coming upon us now is the way people have to leave the farm. That is by the abruptnace of it. The fact that the industrial revolution isn't creating as many jobs as it was then. Then industrialization created jobs. Technology and Hybrids seeds were creating jobs for farm boys. There were plenty of jobs at Hesston Corporation, John Deere and others, for manufacturing, engineering, and new technological developments. So we were staying in agriculture, but we were moving off the farm to a great extent during that period of time. But it was a more smooth transition.

Service sectors were picking up employment. Dealerships were growing and picking up some of your children or maybe you or other people. Mechanics were much more in demand. Everything was increasing, fertilizer, feed mils. The trauma of moving out of the agricultural things was not serious because you were still staying in the sector of agriculture. Most of the time there was employment being created right there in the rural area. That was the Hesston story and many others. Lots of small factories started up all over the country. Productivity was increasing. Then all these things were going along great. A lot of people say that the '70s were the golden days of agriculture. I'm here to debate that the '70s were really the seeds of the crisis of the '80s. In my opinion the '70s is when the crisis occurred. We didn't recognize it. It didn't catch up with us. But it was occurring. For a lot of things happening around the world, all at once it went together that built an unreal kind of a market. I read today that one of the farm equipment executives said that there was an unnatural blip in the '70s. It's another way of stating what I'm saying. Everything went together. Everything was perfect.

We had an export market explosion. We had credit availability to a lot of underdeveloped countries. We gave them credit. We sold them the crop. They had the ability to absorb the credit. They took the crop. Some of it got to the people. Some of it didn't. Some of the machinery got to the people. Some of it's on hedge row in Algeria and Africa and other places. But we sold a lot of product. We exported a lot of product. We had the ability to manufacture cheap here. We had high inflation occurring. So in the '70s farm labor was going up. Farm land was going up. Factory labor was going up. Suddenly a lot of farmers woke up and found themselves wealthy. They just couldn't understand that. Now if you study that period of the '70s, particularly the latter half, inflation was covering up some rapidly increasing costs in agriculture. Land values were increasing and that increased the balance sheet. If you did what you were supposed to do during the period of the '70s and you listened to your banker or you listened to the Federal Land Bank or all those kind of people, you went out and borrowed more money. Because if you're a good manager and a good

(Turn to Page A38)

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— Addition of another county agricultural agent to the staff in Lancaster County is a request to be given Lancaster County Commissioners in their 1957 budget by the Lancaster County Extension Association.

Meeting in executive committee Monday night, the group pointed out the only cost to the county would be an estimated $1200 travel expenses and $400 stenographic services, with salary to be paid by the Pennsylvania State University extension service.

— Lancaster County corn producers Tuesday voted 191 to 86 in favor of the proposed new control program for corn, but nation-wide the measure lost by about five and one-half percent.

— The Lancaster County Chapter of the American Red Cross has been given a quota of $8,738 in the current national drive for relief of Hungarian citizens according to an announcement made today by Francis L. Cassel, chapter chairman.

The Lancaster County quota represents this area's share of a five million dollar national Red Cross Fund which has been approved by President Eisenhower. All contributions will be channeled through the International Red Cross which has been designated by the Austrian government for Hungarian relief.

— The index of prices received by Pennsylvania farmers for their principal products in mid-November was unchanged from a month earlier, and two points above the same period a year ago, the State Department of Agriculture said today.

For all farm products the price index stands at 246 percent of the 1910-14 base level, Federal State surveys showed.

— Due to lack of competitive interest, the long-standing Pennsylvania Farm Show horseshoe pitching contest for state championship honors will be discontinued at the 1957 Farm Show scheduled here Jan. 14-18, the Farm Show Commissioners announced today.

For the same reason the annual log sawing championship contest will be eliminated for the coming show, the commission said.

— Out of the estimated three million evergreen trees now being cut on Pennsylvania Christmas tree farms and nurseries, those from parts of three Northeastern Pennsylvania counties must pass gypsy moth quarantine inspection the State Department of Agriculture said today.

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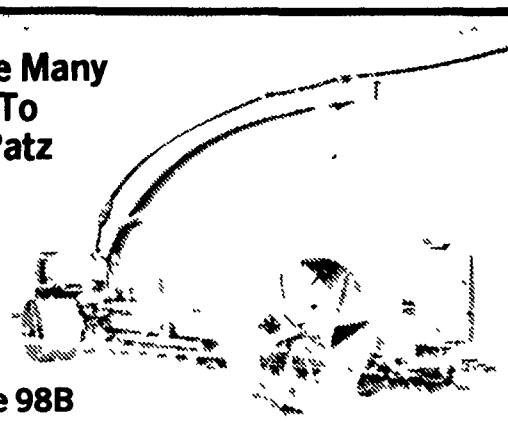

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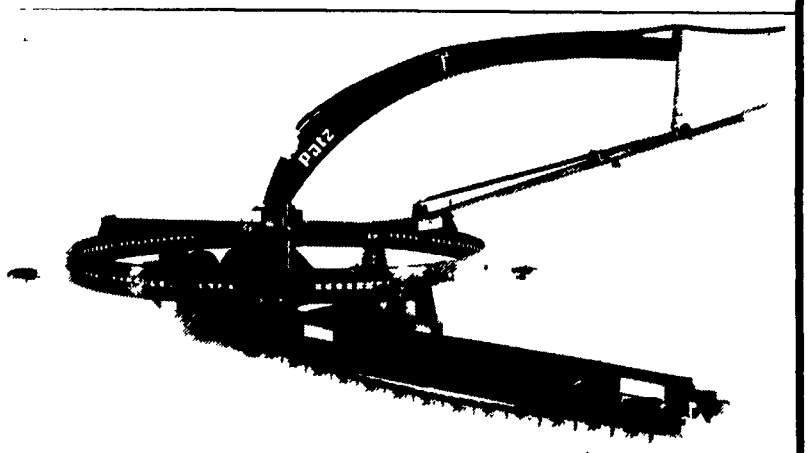

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Pa. DHIA Leaders Named

(Continued from Page A1)

pounds of fat and 780 pounds of protein on 123 head. Londondale Farm of Jefferson County produced the third high fat average in the state. This herd averaged 24,086 pounds of milk, 905 pounds of fat and 742 pounds of protein on 58 cows.

Mullen Farm of Fredonia maintained a somatic cell count of 58,000, the lowest in the state. Ralph Hays of Mill Run achieved the second lowest count at 62,000.

Branstetter Farm of Huntingdon County owned the top cow for milk production in the state. In 305 days, its Holstein produced a record of 36,874 pounds of milk, 1,539 pounds of fat with a 4.2 test and 1,032 pounds of protein for a 2.8 test to claim this title.

A Guernsey cow produced a record of 1,896 pounds of fat with a 5.4 test, 34,965 pounds of milk and 1,052 pounds of protein with a 3 percent test for the high fat record in the state. Carosa Farm in Crawford County owns this cow.

In the protein category top production honors were earned by a Holstein in the Clarence and Ken Mowry herd in Bedford County. Mowry's cow produced a record of 1,145 pounds of protein with a 3.5 test, 32,498 pounds of milk and 1,498 pounds of fat with a 4.6 test.

Breed leaders in milk production are:

•Ayrshire — Ardrossan Farms of Chester with a herd average of 20,313 pounds of milk, 838 pounds of fat and 676 pounds of protein on 122 cows. Ardrossan Farms, owned by Hope Scott became the first Ayrshire herd in the country to break the 20,000 pounds herd average.

•Guernsey — Carosa Guernseys of Crawford County with a herd average of 15,785 pounds of milk, 704 pounds of fat and 543 pounds of protein on 21 cows.

•Jersey — Vantage Jersey of Mercer County with a herd average of 16,636 pounds of milk, 724 pounds of fat and 587 pounds of protein on 94 cows.

•Holstein — Laural Valley Dairy of Jefferson County with a herd average of 25,939 pounds of milk, 940 pounds of fat and 832 pounds of protein on 34 cows.

•Brown Swiss — Dean and Brenda Daubert of Berks County with a herd average of 17,781 pounds of milk, 681 pounds of fat and 611 pounds of protein on 37 cows.

•Milking Shorthorn — J. Douglas Marsh of Lancaster County with a herd average of 13,929 pounds of milk, 555 pounds of fat and 456 pounds of protein on 15 cows.

•Red and White — Matt Will Farm of Bradford County with a herd average of 21,656 pounds of milk, 737 pounds of fat and 687 pounds of protein on 35 cows.

Breed leaders by fat production are:

•Ayrshire — Ardrossan Farms.

•Guernsey — Kenneth Garber of Lancaster County with a herd average of 15,120 pounds of milk, 725 pounds of fat and 519 pounds of protein.

•Jersey — Spruce Row Farms of Crawford County with a herd average of 16,215 pounds of milk, 734 pounds of fat and 587 pounds of protein on 56 cows.

•Holstein — Melwood Farm with a herd average of 24,831 pounds of milk, 973 pounds of fat and 805 pounds of protein on 36 cows.

•Brown Swiss — Penn State University of Centre County with a herd average of 17,552 pounds of milk, 722 pounds of fat and 608 pounds of protein on 17 cows.

•Milking Shorthorn — J. Douglas Marsh.

•Red and White — Matt Will Farm.

Breed leaders by protein production are:

•Ayrshire — Ardrossan Farms.

•Guernsey — Ray Roger Garber of Franklin County with a herd average of 15,104 pounds of milk, 718 pound of fat and 551 pounds of protein on 56 cows.

•Jersey — Vantage Jerseys and Spruce Row Farms.

•Holstein — Laurel Valley Dairy.

•Brown Swiss — Dean and Brenda Daubert.

•Milking Shorthorn — J. Douglas Marsh.

•Red and White — Matt Will Farm.

Chester Extension Elects Officers

BY MARJORIE KEEN
Chester Co. Correspondent

AVONDALE — Bill Flagg of Phoenixville was elected president of Chester County's Executive Board of Directors of the Cooperative Extension Service for 1987. Also elected at Monday night's annual meeting in Avondale was Lamar Howe of Downingtown, first vice president.

Eileen Schafer, Downingtown, and Sally Hagele, Glenmoore, were reelected secretary and treasurer, respectively. Elbert Wells, West Chester, president the past two years, will fill the second vice president slot.

Chester County Extension Director Trudy Dougherty presented recognition awards to the 1986 officers, who also included Elaine Brown of Berwyn and Mike Mowrer of Spring City.

"An Insider's View" of The Governor's School of Agriculture was given by Phoenixville High School Junior Kym Morris, who spent five weeks at Penn State last summer.

Successes in the warm weather grass project, marketing Chester County lamb, and the first place team in the State 4-H and FFA Swine Bowl were pointed to by Agricultural Agents David Swartz and Cheryl Fairbairn. According to Horticulture/Mushroom Agent Paul Solomon, the county's supremacy in mushroom production has attracted national attention and important visitors this year.

Wells and the agricultural agents emphasized the progress made toward establishing a 4-H center in the county.

January Milk Price Jumps 97 Cents

ALEXANDRIA, Va. — Middle Atlantic Order Market Administrator Joseph D. Shine announced a Class I milk price of $14.94 per hundredweight for January 1987. This price is up 22 cents from December and is 97 cents above last January's Class I price.

Shine announced a Class II milk price of $11.99 per hundredweight for November 1986 and a butterfat differential of 17.5 cents for the month. The Class II price was up 22 cents from the previous month, while the butterfat differential decreased two-tenths of a cent.

The January 1987 Class I price and the November 1986 Class II price are based on the November 1986 Minnesota-Wisconsin manufacturing milk price of $11.91 per hundredweight at a 3.5 percent fat content.

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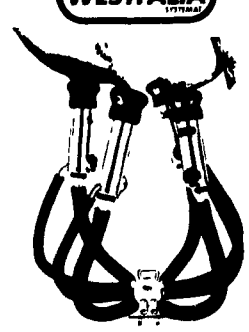

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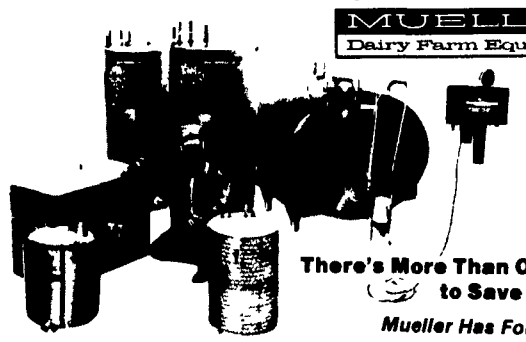

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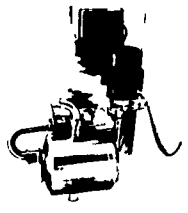

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S 260	260,000	8,000 Sq. Ft. *
S 500	500,000	15,000 Sq. Ft. *
S1000	1,000,000	30,000 Sq. Ft. *
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Farm Credit President Responds To Ag Financial Situation

BY EVERETT NEWSWANGER
Managing Editor

LANCASTER, Pa. — In a response to the agricultural situation, Gene L. Swackhamer, president Farm Credit Banks of Baltimore, told a press conference here Wednesday the Farm Credit System has been buffeted by an unrelenting barrage of problems and challenges as it attempts to deal with delinquent farm loans. The past two years have not been fun for most managers; yet, an impressive resiliency is developing among loan officers and staff. It is a resolve to adapt to do the job. Financial stress has taken a toll on both borrowers and creditors and the race to recovery is still undecided for many. Before going further, however, it seems appropriate to examine some facts to keep the analysis objective.

BACKGROUND

Table I presents selected financial data for the consolidated Farm Credit System (FCS) from December 31, 1984, through September 30, 1986 — a period of 21 months. There are several stories in these numbers. Net loans outstanding have declined steadily reflecting debt paydown and the emergence and growth of nonperforming loans classified as nonaccrual, other high risk loans and acquired property. At September 30, 1986, these categories represented $13.8 billion or 19 percent of total assets outstanding. The magnitude of that non-earning drain coupled with increased build up in loss reserves has eroded surplus to $1.9 billion at September 30, a loss of $4.3 billion of capital since December 31, 1984.

Realizing that these numbers may lack comparative perspective, Table II contains some ratios that measure exposure and risk bearing capacity. With high risk credit (nonaccrual and other high risk loans) exceeding total capital by 2:1 and non-earning loans (nonaccrual) and acquired property exceeding capital by 1.4:1, it is not difficult to understand why Congress passed the 1985 Farm Credit Act to reassure investors and provide a mechanism for the FCS to borrow from the Treasury, and why Congress passed the 1986 Farm Credit Act to permit long-term amortization of losses occurring through 1988. Time and improved agricultural profitability are essential for a successful workout of these problems.

THE STRATEGIC PLAN

As a specialized financial intermediary for the agricultural sector with only limited options for loan and investment diversification to reduce risk, the FCS has evolved a strategic business plan to contain, manage, and solve the problems of distressed credit. Some of the key provisions of this plan are:

1. Position the Farm Credit System Capital Corporation to manage resource utilization within the FCS.
2. Implement asset/liability management and marginal cost pricing to replace average cost pricing.
3. Establish differential pricing with interest rates determined on the basis of competition, risk incurred and the cost of delivery.
4. Implement structural and organizational changes to adapt to the declining agricultural credit market.
5. Restructure nonaccrual loans and move acquired properties to reduce the non-earning asset burden.

Principal speakers at the Farm Credit Service press briefing this week in Lancaster are (L to R) Dr. David Kohl, professor of agricultural economics at Virginia Polytechnical Institute; Gene Swackhammer, president and CEO Farm Credit Banks of Baltimore and James Ownes, president Lancaster Farm Credit Service.

Each of the above points represent a major change in operations. The Farm Credit System Capital Corporation, organized on April 11, 1986, exists to redeploy financial resources from strong banks and associations to weak ones. Each of its actions confronts the FCS with the blunt reality that operationally the System is a single entity (assets protected by loss sharing; debt protected by joint and several liability; net worth protected by capital assessment); yet, organizationally and emotionally it is a federation of autonomous businesses with a common charter — the Farm Credit Act of 1971.

Average cost pricing worked well under reasonably stable interest rates before financial reform and deregulation, but could not cope with the volatility of the last seven years in financial markets. The transition to asset/liability management now under way would be exceedingly difficult for financial organizations under "normal" conditions; it is taxing under present conditions. Yet, it is necessary to permit marginal costs, differential pricing. The downsizing of agriculture to better bring production in balance with demand is affecting all agribusiness suppliers including creditors.

The FCS has made many organizational and operational changes since December 31, 1984, with all district banks now having some joint mangement, seven districts with a majority of offices in district-wide associations, and two others in the process of deciding on district-wide associations. These changes have helped eliminate redundant functions, have strengthened capital bases and have pooled reserves; yet, more will be needed to achieve maximum efficiency in the delivery of products and services.

Finally, of the five strategies mentioned, a major effort is under way to restructure nonaccrual loans if compromise of interest and principal results in a lower loss and cost than foreclosure. Emotionally, this too is a bitter pill for good borrowers since it seems to reward failure at the cost to borrowers who have sacrificed to keep loans current. It must be presented strictly as a least cost business decision to return loans to an accruing basis which will inure to the benefit of all borrowers and the business in the long-run.

Will this strategic plan succeed? Yes, I think that it will if collateral values (primarily land) do not deteriorate much further and if agricultural businesses can reduce operating losses. I realize that these are big "IF's", but are not unreasonable assumptions.

ACTION PLANS

To achieve the desired strategic direction, the Farm Credit System has implemented several action plans. I will list only a few of the key ones.

1. Adopted uniform credit standards under policy direction of the Farm Credit Corporation of America (FCCA).
2. Instituted a model pricing plan to insure competitive pricing above minimum base spreads.
3. Instituted uniform information standards for credit and financial reporting under General Accepted Accounting Practices including loss reserve accumulations.
4. Established liquidity and investment standards through operations of the Farm Credit System Funding Corporation.
5. Adopted standard forecasting models for better system financial and operational planning.
6. Executed assistance agreements between the Capital Corporation and six Federal Land Banks to provide financial resources to avoid stock impairment.
7. Adopted a uniform loan restructuring policy for all FCS entities.
8. Adopted a uniform acquired property policy to insure fair and equitable treatment of borrowers in all regions.

FUTURE ISSUES

Change seldom comes easily. It has not in the FCS and yet it is occurring notwithstanding litigation to test the validity of FCA's assessment regulations, debate over the amount of power to concentrate in FCCA, in differences on legislative and policy issues with the government's regulator — the Farm Credit Administration.

It seems logical that public policy debate will continue in 1987 regarding the possible role of the Farm Credit System as a secondary mortgage market maker, what system structure will best serve the needs of agriculture, how to best strengthen permanent capital within the system and how to mitigate the painful and costly out-migration from agriculture of insolvent farm businesses.

None of these are simple policy issues. They are too important to ignore and too important to leave to chance solution. Each must be addressed through our democratic processes.

(Turn to Page A18)

TABLE I
FARM CREDIT SYSTEM FINANCIAL CONDITION
(BILLIONS)

	9/30/86	6/30/86	3/31/86	12/31/85	12/31/84
Net Loans Outstanding	$58 2	$61 5	$64 9	$66 6	$77 1
Nonaccrual Loans	8 0	7 6	5 9	5 3	1 4
Acquired Properties	1 1	1 0	1 0	1 0	3*
Other High Risk Loans	4 7	4 7	5 1	4 0	5 4*
90+ Days Delinquent	1 2	1 6	1 9	1 2	
Total Capital	6 3	7 0	7 9	8 4	11 8
Stock	4 4	4 6	4 7	5 0	5 6
Surplus	1 9	2 4	3 2	3 4	6 2
Total Risk Funds	10 0	10 5	11 1	11 6	13 1
Loss Reserves	3 7	3 5	3 2	3 2	1 3

* Excludes PCAs

TABLE II
FARM CREDIT SYSTEM FINANCIAL CONDITION

	9/30/86	6/30/86	3/31/86	12/31/85	12/31/84
Nonaccrual Loans/Loans Outstanding	13 0%	12 0%	9 0%	8 0%	2 0%
Loss Reserves/Loans Outstanding	6 0%	5 4%	4 7%	4 6%	1 7%
Nonearning Loans (Nonaccrual) and Acquired Property to Capital	1 4 1	1 2 1	0 9 1	0 8 1	1 9 1
High Risk Loans (Nonaccrual and Other High Risk Loans) to Capital	2 0 1	1 8 1	1 4 1	1 1 1	**
High Risk Loans to Risk Funds	1 3 1	1 2 1	1 0 1	0 8 1	
High Risk Loans to Surplus and Loss Reserves	2 3 1	2 1 1	1 7 1	1 4 1	
High Risk Loans to Loss Reserves	3 4 1	3 5 1	3 4 1	2 9 1	

** Comparable information not available

TABLE III
BALTIMORE DISTRICT FINANCIAL CONDITION
(MILLIONS)

	9/30/86	6/30/86	3/31/86	12/31/85	12/31/84
Net Loans Outstanding	$2,692 7	$2,804 6	$2,859 8	$2,915 9	$3,112 8
Nonaccrual Loans	68 6	54 9	44 1	42 7	17 3*
Acquired Properties	7 1	7 7	8 9	9 0	3 4
Other High Risk Loans	77 5	112 4	123 7	112 8	**
90+ Days Delinquent	18 9	55 8	71 7	55 7	**
Total Capital	435 0	456 0	477 4	474 8	478 7
Stock	176 4	182 0	184 3	187 7	220 5
Surplus	258 6	274 0	293 1	287 1	278 2
Total Risk Funds	508 2	527 4	549 1	548 4	551 3
Loss Reserves	73 2	71 4	71 7	73 6	72 6

* Excludes PCAs
** Comparable information not available

TABLE IV
BALTIMORE DISTRICT FINANCIAL CONDITION

	9/30/86	6/30/86	3/31/86	12/31/85	12/31/84
Nonaccrual Loans/Loans Outstanding	2 5%	1 9%	1 5%	1 4%	**
Loss Reserves/Loans Outstanding	2 7%	2 5%	2 5%	2 5%	2 3%
Nonearning Loans (Nonaccrual) and Acquired Property to Capital	17 1	14 1	11 1	11 1	*
High Risk Loans (Nonaccrual and Other High Risk Loans) to Capital	34 1	37 1	35 1	33 1	**
High Risk Loans to Risk Funds	29 1	32 1	31 1	28 1	*
High Risk Loans to Surplus and Loss Reserves	44 1	48 1	46 1	43 1	
High Risk Loans to Loss Reserves	2 0 1	2 3 1	2 3 1	2 1 1	**

** Comparable information not available

Mandatory Supply Management: A Dairy Policy Option

The California Milk Quota System

BY EDWARD V. JESSE
University Of Wisconsin-Madison

While a national mandatory quota program has never been adopted in the United States, California, the second leading dairy state, operates a quota program for fluid milk. It is very different from the quota systems in Canada and the EC in that the California plan applies solely to milk sold for fluid products.

The California program uses quotas to assign marketing rights to the higher-priced fluid market. Producers are paid different uniform or blend prices depending on their production relative to individual ***quotas*** and ***production bases.***

Conditions Leading to the California Quota Program

Prior to 1968, California Grace A or market milk producers contracted with plants for specific volumes of milk. Administered pricing in effect in California since the 1930s, set higher minimum prices for fluid milk, so producers contracting with plants having high fluid utilization fared well compared to neighbors with identical quality milk who contracted with low-utilization plants.

Competition was considerable among producers for contracts with high fluid utilization plants, who held the upper hand in negotiating non-price contract terms like hauling rates.

To address equity problems in allocating fluid milk sales among eligible producers, the California Legislature passed the Gonsalves Milk Pooling Act in 1967.

Under the Act, which became effective in late 1968, each licensed market milk producer was assigned a ***production base*** and a ***Class I quota.*** These were based on daily average milk sales during either 1966 or 1967.

Because California has used component pricing for milk sales since 1972, the production base was total fat and solids-not-fat sales expressed on a daily basis. Class I quota was fat and SNF sales under contract to fluid handlers.

Due to widely-varying fluid sales opportunities under the contract system, quota as a proportion of production base differed substantially among market milk producers.

To rectify these differences, 80 percent of any increase in Class I quota was to be allocated to existing producers according to their quota/production base ratio, with the remainder going to new entrants. Hence, as increases in fluid sales occurred, additional Class I quota was granted to market milk producers in inverse proportion to their ratio of quota to base.

The intent was to "equalize" all market milk producers at a ratio of 95 percent.

To speed the process, a blanket allocation of new quota was made in 1978 to equalize all producers holding production bases at that time. This brought the total amount of quota well above the amount needed to meet fluid milk requirements, a situation that persists today.

Components of the California Program

California milk quotas and bases do not restrict total milk production, but producers receive different prices for quota, base, and over-base milk. At the state level, these prices depend on how much of total producer milk is used in each of four utilization classes: fluid (Class I), soft products (Class II), ice cream/frozen products (Class III), and hard products (Class IV).

Quota milk is assigned to the most valuable use class for pricing purposes.

Over-base milk, which is milk production in excess of production bases, is assigned to the lowest class.

Base milk, which is production base minus quota, is assigned to the residual classes.

This procedure sounds very complex so an example will help clarify how farm milk prices are calculated. Suppose California milk use by class for some month is as follows:

Utilization Class	*Price*	*Percent Used*
1	$13.00	45
2	12.00	7
3	11.50	5
4	11.00	43
		100

Now, suppose producer marketings for the same month are distributed as follows:

Quota Class	*Percent of Marketings*
Quota	50
Base	20
Overbase	30
	100

Then, the prices for quota, base, and overbase milk would be calculated as follows:

Quota Price: $\frac{(45\% \times \$13) + (5\% \times \$12)}{50\%} = \$12.90$

Overbase Price: $\frac{(30\% \times \$11)}{30\%} = \$11.00$

Base Price: $\frac{(2\% \times \$12) + (5\% \times \$11.50) + (13\% \times \$11)}{20\%} = \$11.23$

In other words, the quota price is calculated by starting from the top down in terms of allocating milk value. The overbase price is calculated by starting from the bottom up. What's left over is allocated to base milk to establish its value.

These prices for quota, base, and overbase milk would be the same for all market milk producers at the same location and with comparable milk quality and composition. But the blend price received by a producer would depend on how much of the producer's milk fell into the three categories.

A producer whose milk composition was 90 percent quota milk and 10 percent base milk would receive $12.73 per hundredweight in the above example (.9x$12.90+.1x$11.23).

A producer with 50 percent quota milk, 20 percent base milk, and 30 percent overbase milk would receive $12.

Similar to the Canadian program, quotas may be traded among California market milk producers. Quota sales are expressed in dollars per pound of SNF per day.

Prices vary with several factors, including the number of pounds of quota fat per pound of SNF (normally around 0.4 pounds but different among producers), the amount of production base tied to the quota, and whether cows are sold along with the quota.

However, the most important factor affecting quota prices is the difference in value between quota and overbase milk.

This value difference becomes capitalized in quota prices. For example, the difference in price between quota and overbase milk in May 1986 was $1.70 per hundredweight (based on average fat and SNF composition).

The average price for quota transfers in May 1966 (quota price without cows) was $276 per pound of SNF per day.

At 8.7 pounds of SNF per hundredweight of milk, this translates to a cost of $2,400 per hundredweight of whole milk per day. In other words, the investment necessary to obtain $620.50 in added milk revenue per year $1.70x365 days) was $2,400. That reflects a 26 percent annual rate of return.

At the $276 per pound of SNF quota cost, it would have cost about $1,000 to purchase quota equivalent to the average daily SNF production of one dairy cow producing 15,000 pounds of milk per year.

Experience with the California Program

Unlike federal order blend pricing, the California system provides a price incentive for individual producers to control production. Under federal order pricing, all production is priced at the marketwide blend price.

In contrast, production in excess of a California producer's production base is priced at the overbase price. If the overbase price is below marginal production costs, then the California producer would be induced to cut back to production base levels.

However, compared to the Canadian and EC programs, California's overbase milk price is quite high. The price for milk sold over-quota in Canada was equivalent to only 11 percent of their price support in the 1985-86 marketing year.

In Europe, the price received for over-quota milk is 25 percent of the price support. In recent years, the dairy price support program has yielded a price for overbase milk that has been high enough to cause a substantial increase in California milk production, much of which has been sold to the Commodity Credit Corporation as butter, powder and cheese.

In the 1984-85 marketing year, October to September, California was the leading state in Commodity Credit Corporation sales of butter and nonfat dry milk; third in cheese.

Thus the California quota system has not balanced milk supply with demand.

For some time, California producers have found it profitable to expand production of overbase milk, even though the overbase price has been below the federal support price.

For instance, in May 1986, the California overbase price (average fat and SNF composition and prices) was $10.66 per hundredweight. The comparable support price in the same month was $11.31, and the M-W price (average Grade B price in Minnesota and Wisconsin) was $10.98.

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Tobacco Auctions

(Continued from Page A1)

also being sold by Paradise Tobacco Sales in Paradise and Garden Spot Tobacco Auction in Blue Ball.

Paradise opened the auction season on Monday with 280,000 pounds of tobacco on the floor. "It was basically a no-sale day," said the company's spokesman Eric Probst. Farmers rejected bids ranging from 10 cents to 90 cents a pound offered by seven southern buyers.

About 11 percent of the tobacco offered at Garden Spot on Tuesday was sold, according to general manager Bill Mowbray. Prices ranged from 10 cents to a dollar on the 22,000 pounds sold, with the better grades averaging 75 to 80 cents, Mowbray said.

On Tuesday afternoon, Pennsylvania Tobacco Auction halted its sale in Quarryville when prices failed to meet buyers' expectations. A second PTA sale scheduled for Wednesday was also cancelled.

Buyers and sellers had a second chance to come to terms at Paradise on Thursday. This time 16,000 pounds of the 280,000 pounds of 609 offered was sold. Prices hit the 85-to-90-cent range for top grades, with middle grades averaging 45 to 50 cents, said Probst. Thursday's sale was an improvement on Monday's opener, Probst said.

Despite the slow start, auction management expects to see an upturn in the market. Garden Spot's Bill Mowbray said that this year's early start didn't help matters. "We started a week earlier than last year," he pointed out. "Three or four years ago hardly any tobacco moved before the first of the year."

Mowbray emphasized that the soft market has nothing to do with acceptance of the new auction system. "The buyers aren't out in the field either," he said. "The orders probably just aren't in yet."

One reason for the lack of buyer enthusiasm, Mobray speculated, was the 71 million pounds of burley tobacco released by the federal government to buyers this summer. Part of 1983's production, the tobacco was sold "in the strip," or already processed, at bargain basement prices. Mobray said that the burley could serve as a substitute for the 609 tobacco grown in Pennsylvania.

Mowbray said that this year's lower quality tobacco is also contributing to lower prices. "We didn't have as good a growing or curing season this year," he said. "Last year conditions were right."

Joe Irvin, a buyer from Ideal Leaf in Virginia, concurs. "The quality of the tobacco isn't what it was last year," he said at Paradise on Thursday. Irvin, who comes to Pennsylvania every year to buy 609, also complained that much of the tobacco had been baled at too high a moisture content.

Ken Brubaker, of Keystone Tobacco Marketing Group, also believes that moisture content hurt farmers this week. Keystone's function is to promote Pennsylvania tobacco to southern buyers, but Brubaker was clearly unhappy with what Pennsylvania brought to those buyers this week. "Farmers need to take steps to keep as much of the dampness out of the tobacco as possible," Brubaker said. He explained that the moist tobacco generates heat when compressed into bales and eventually rots.

Bill Mowbray predicted that the quality of the tobacco would improve as the season progresses. Tobacco on the floor right now was the last to go into the barn. "It was planted last and harvested last and it didn't have the warm curing season," he said. "There's probably better tobacco still out on the farms."

Joe Irvin, who said that he hadn't bought any auction tobacco as of Thursday morning, vowed to go to the farms to buy tobacco if farmers were interested in selling. "I'll buy tobacco direct just like I always have, if the farmer calls me up," he said.

But not all tobacco growers were willing to revert to the traditional marketing system. Carl Schnupp of Lititz grows 15 acres annually and said he'll stay with the auctions. Schnupp, whose better grades brought him $1.05 to $1.30 per pound over the block last year, was surprised that the market took a steep drop this year.

"I could have sold it last year on the farm, but I didn't," Schnupp said. If approached by buyers to sell his tobacco on a private treaty basis, Schnupp said, "I'd tell them I prefer the auction."

As for the the rest of this year's auction season, Schnupp was optimistic. "I look for it to get better," he predicted.

"I don't see a cause for real concern," said Bill Mowbray. "Just the fact that farmers are supporting the auction is a good sign. You don't go from zero to 100 miles an hour in one day."

After coaxing buyers to up their bids at Paradise on Thursday, auctioneer Mitch Ashby believed that prices would improve. "It's going to take some time," he said. "The farmers need the auctions. It's the fairest way to sell your product."

NEW HOLLAND

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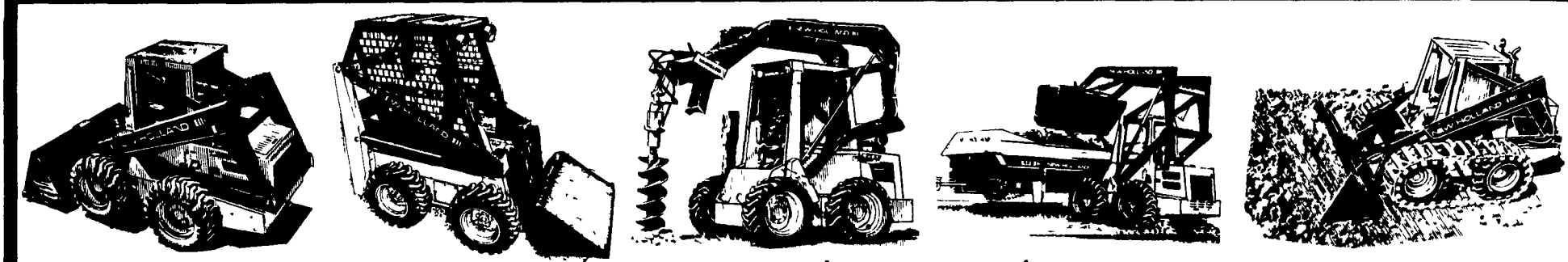

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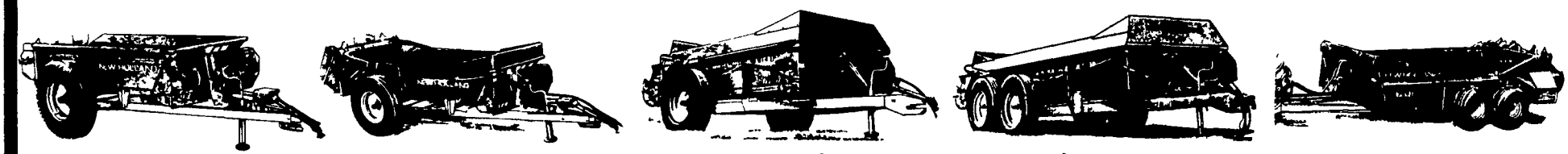

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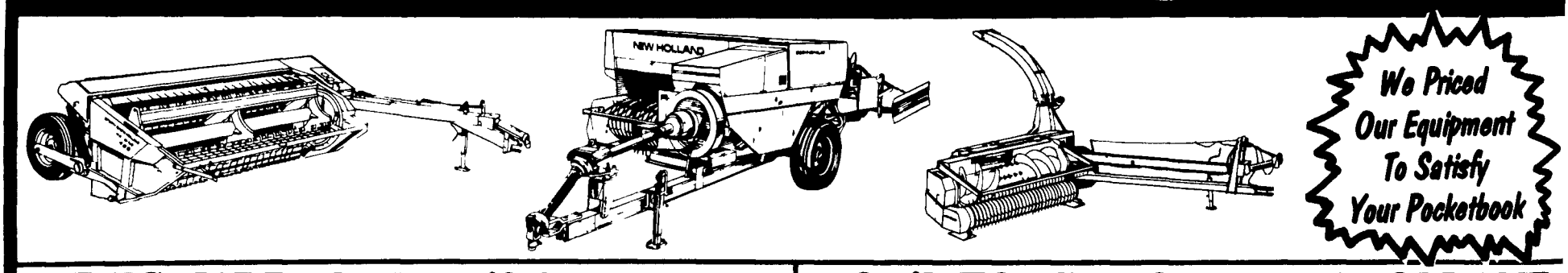

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The Dairy Business

By Newton Bair

Credit Where Credit Is Due

The American language is a frustrating thing. A simple word that has a certain meaning in one generation can have a different meaning in the next. Let's consider the word CREDIT, for instance.

I grew up with the understanding that the word CREDIT meant giving someone his due. Like, if a friend does you a favor without expecting anything in return, you give him CREDIT for being generous. Or, a child was given CREDIT for being smart, or beautiful, or strong or a football hero.

CREDIT meant recognition, honor and merit. An author was given CREDIT for what he wrote. A person was a CREDIT to his school, church or community. Such a person was trustworthy, reliable, and had a good reputation. A CREDIT to society.

Well, it still means the same thing, only the word has taken on another meaning. CREDIT is something you can earn, not only in social circles, but in financial ones as well.

The trouble is, Credit has taken on a strong financial aura that is threatening to obscure the broader implications of the word. CREDIT has come to be associated with banks and other money lenders. Its strongest implications have to do with money.

You can get plastic credit with Master Card, Visa, American Express and Exxon. Sears, Watt and Shand, Boscovs and Gimbles all issue plastic credit.

Banks will issue a line of CREDIT to anyone solvent enough to qualify, or to any one who doesn't really need it. You can buy a new pickup or tractor or even a vacation to Florida with it.

CREDIT has taken the place of money in our society.

That leaves me with a flat and foolish feeling. Credit has no jingle and no heft to it, and unlike solid cash, there is no warning when the pocket gets empty. Alas, that can get you into trouble. You see, credit has a way of petering out just when it's needed most.

Having no tangible substance, the only way you know it's there is by consulting a well-kept record of how much is spent and what for. Or visiting your banker, who might just be laying in wait behind his desk to slap a delinquency notice on you with an "I'm so sorry" smirk on his face. I'd rather do my cowering at home in my barn clothes than get all cleaned up just to shiver and shake in a plush bank office.

Now I have to admit that the financial definition of credit is valid, sound and appropriate for our time. In fact, we probably couldn't do business without it in modern society. But by golly, we had better learn early in life how to deal with it so it doesn't disappear when we need it most.

There are times when the money lenders fall all over themselves trying to ply us with more credit than we actually need. That makes us feel like zillionnaires, and we go aspending like there is no bottom to the pot.

The trouble is, times change, and so does the credit line. The end of the line makes our banker jittery and gives him a hair-trigger finger. Breathing gets difficult, like a fish hauled out of the pond.

Like I said, CREDIT is a real good word with lots of meaning, not the least of which is the financial kind. Teach the kids all of its meanings, so that they know what it means to be a credit to the family, the school, the church, and the community. And top it off with a thorough understanding of what financial credit means and how to use it properly.

That is real CREDIT-ABILITY.

Wilson Reaps Bucks County DHIA Awards

DOYLESTOWN — The Bucks County Dairy Herd Improvement Association completed its 63rd year in 1986 with 48 herds and 2,852 cows on test. These herds produced a high average of 17,592 pounds of milk and 636 pounds of fat.

In comparison to the other county DHIA associations in Pennsylvania, Bucks County herds rank second for milk and protein production and tied for third in fat production.

Theodore Wilson lead the county with the high herd for milk, fat and protein. On 47 cows, the Richboro dairymen averaged 21,220 pounds of milk, 755 pounds of fat and 673 pounds of protein.

Willow Ridge Farm of Buckingham ranked second in the county for fat production. The farm's 48 Holsteins averaged 19,292 pounds of fat, 742 pounds of fat and 629 pounds of protein.

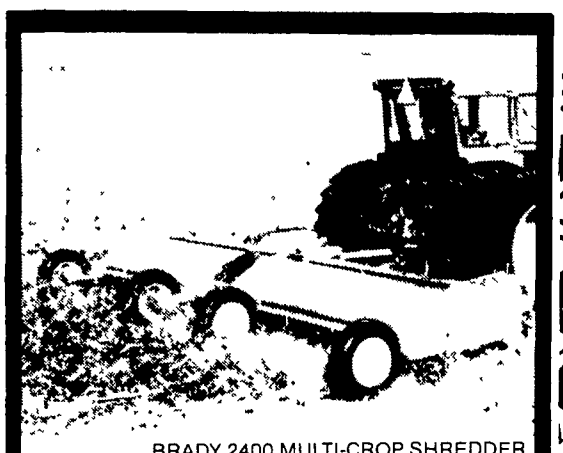
Delaware Valley College of Doylestown reaped four awards at the annual meeting of the association. Starting the cascade of awards for the college, its Holstein herd earned the second high honors in the county for milk and protein production with an average of 20,883 pounds of milk, 723 pounds of fat and 666 pounds of protein.

High cow honors for milk production went to "Astra." Owned by Delaware Valley College, she completed her lactation with 28,907 pounds of milk. A second cow owned by the College earned the high lifetime fat production by producing 9,090 pounds.

The final award for the College was the low Somatic Cell Count. The three breeds milked at the College maintained an average count of 74,200.

Bishcroft Farm owned the top fat producing cow in the county. "Julia" produced 1,326 pounds of fat for the honor. The Fountainville dairy merited the award for most improved herd with a 17 percent increase.

The lifetime milk production award went to Walter and David Wurster's "Petunia" cow. She produced 258,179 pounds of milk.



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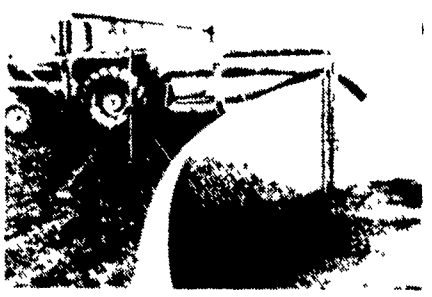

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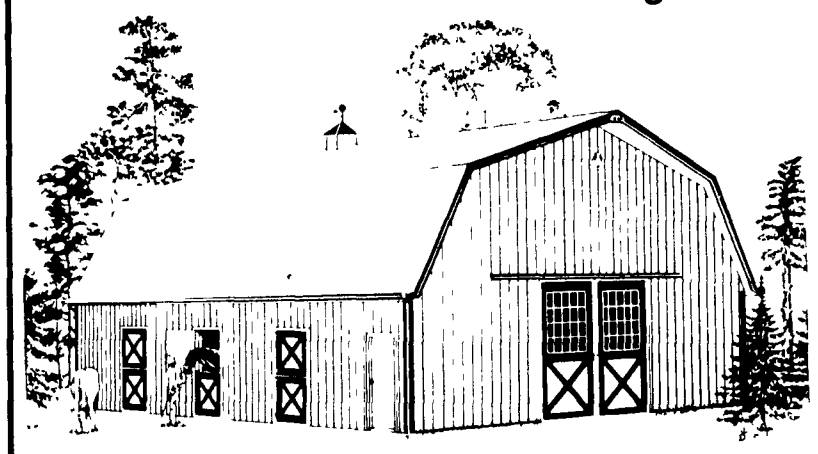

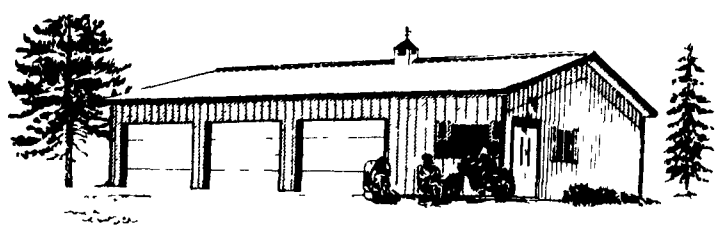

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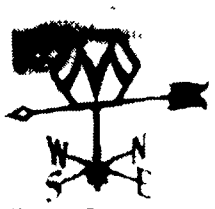

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Major Dairy Sales And Dispersals Nationwide

Reports from five sales for the week of Dec. 3 to 9 showed 482 head averaging $1,741.37. The top prices at the sales ranged from $30,000 to $2,600. Here is a brief look at the results of these sales.

AYRSHIRE

The ILLINOIS POST HARVEST CLASSIC averaged $1,171 on 38 head. Five cows, 4 years and over, averaged $1,670; 23 cows, 2 and 3 year olds, averaged $1,330. Six bred heifers averaged $779 and four calves averaged $445.

An Ardrossan consignment from Villanova, Pa., topped the sale with a bid of $3,600. Sired by Ardrossan Starman Mister Ross, she will freshen in early January to Ardrossan Bell Commander.

The next two maternal dams produced several records over 20,000 pounds of milk and lifetime records over 100,000 pounds of milk.

Selling for $2,600 and the second best price of the sale was a 4-year-old consignment from Canada. Sired by Oracle View, she produced a best effort of 14,000 pounds of milk with a 4.7 test. She owns a plus BCA for milk and fat.

Larry Sears served as the auctioneer and Doug Murray served as the sale manager.

BROWN SWISS

The HARVEST ROYAL SALE held in Wisconsin averaged $1,435.50 on 43 head which included two day-old calves which sold with their dams.

A bid of $2,600 on a 5-year-old daughter of Maple Grove Performer topped the sale. Classified VG-87, she produced a top record of 17,410 pounds of milk and 670 pounds of fat. Her in progress record stands at 10,660 pounds of milk and 390 pounds of fat in 165 days. She was bred in August to West Lawn Stretch Improver.

Her dam, sired by Ventures Sunny Bruce, produced a best effort of 20,020 pounds of milk and 736 pounds of fat.

The second best price of the sale, $2,500, came on an Excellent West Lawn Stretch Improver daughter. She will freshen in December to Bridgeview Elegant Jade. Her top record stands at 15,810 pounds of milk and 644 pounds of fat.

Her dam, sired by Blessing Captain Hero-Twin, produced a best effort of 15,390 pounds of milk and 571 pounds of fat in 298 days.

Darrell Worden auctioneered the sale. Norman Magnussen managed the sale.

HOLSTEIN

The TUFTS MILKING HERD AND BRED HEIFER DISPERSAL held in Texas averaged $1,080 on 280 head.

A 2-year-old bred heifer topped the sale with a bid of $2,650. Sired by Marshfield Elevation Tony, she will freshen in December to Cal-Crist Peg Nugget.

Her dam, an 83 point Astronaut daughter, produced a top record of 17,000 pounds of milk and 752 pounds of fat. The next dam scored VG-88 with a best effort of 19,000 pounds of milk and 854 pounds of fat.

The second high bid of the day, $2,600, came on a 3-year-old Carlin-M Ivanhoe Bell daughter. Classified GP-82, she will freshen in March to Woodbine Ella Incredible. In her first lactation she produced 22,000 pounds of milk and 861 pounds of fat in 348 days.

Her dam classified GP-81 with a best effort of 27,000 pounds of milk and 950 pounds of fat. The next dam scored a VG-86 rating and produced a top record of 24,000 pounds of milk and 985 pounds of fat.

Kay's Auctioneer Service managed the sale.

Texas sales have recently averaged $1,050 to $1,130, according to a spokesman for the Texas Holstein Association.

The WESTERN WISCONSIN FALL CLASSIC averaged $1,498.41 on 41 head.

Topping the sale with a bid of $2,350 was a unfresh 2 year old by Citation R. She will freshen in December to Marshfield Elevation Tony.

Her dam, an EX-90 Hagemans Temple daughter, produced a top record of 19,850 pounds of milk and 1,016 pounds of fat with a 5.1 test in 352 days. Her lifetime production record in 2,715 days stands at 137,050 pounds of milk and 6,625 pounds of fat with a 4.8 test.

The next dam, VG-88, produced a best effort of 21,150 pounds of milk and 970 pounds of fat with a 4.6 test.

A bid of $2,200, for a 6 year old, ranked as the second high price of the sale. Sired by Telstar, the just fresh cow classified GP-83, she produced a top record of 17,909 pounds of milk and 639 pounds of fat in 359 days. Her dam by Harbor Crest Happy Crusader owns a high record of 15,490 pounds of milk and 554 pounds of fat.

Keith Stump auctioneered the sale and Alvin Piper and Associates managed the sale.

The FUTURE GENETICS SALE held in Michigan averaged $3,522 on 80 head.

Topping the sale with a bid of $30,000 was a 3-year-old daughter of Arlinda Rotate. Classified VG-86, she will freshen in January to Arlinda Carl-Twin. She sold with a bull contract and a 15 embryo contract. Her incomplete first lactation stands at 21,749 pounds of milk and 853 pounds of fat in 344 days. She owns a estimated cow index of plus 1,307 milk, plus 51 fat and plus $170.

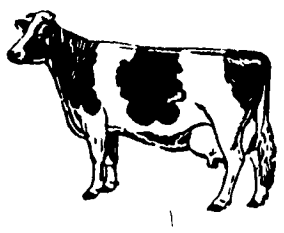
Her dam, sired by Elevation, classified EX-91 2E. She produced a top record of 21,660 pounds of milk and 793 pounds of fat in 357 days.

The next dam classified VG-86 with a best effort of 18,010 pounds of milk and 692 pounds of fat.

The second high price of the sale, $4,700, came on a just fresh 3 year old. Sired by Glendell Arlinda Chief, she produced a 2 year old record of 33,119 pounds of milk and 1,106 pounds of fat.

Her dam, sired by Elevation, produced a best effort of 24,080 pounds of milk and 870 pounds of fat in 365 days.

Keith Stump served as auctioneer. Alvin Piper and Associates managed the sale.



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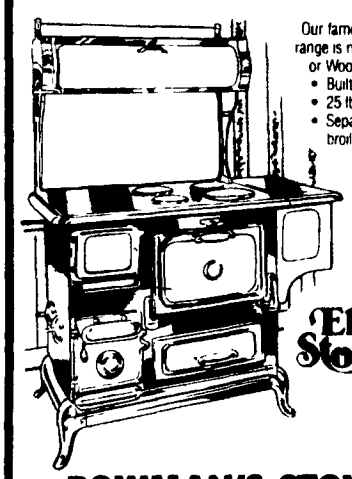

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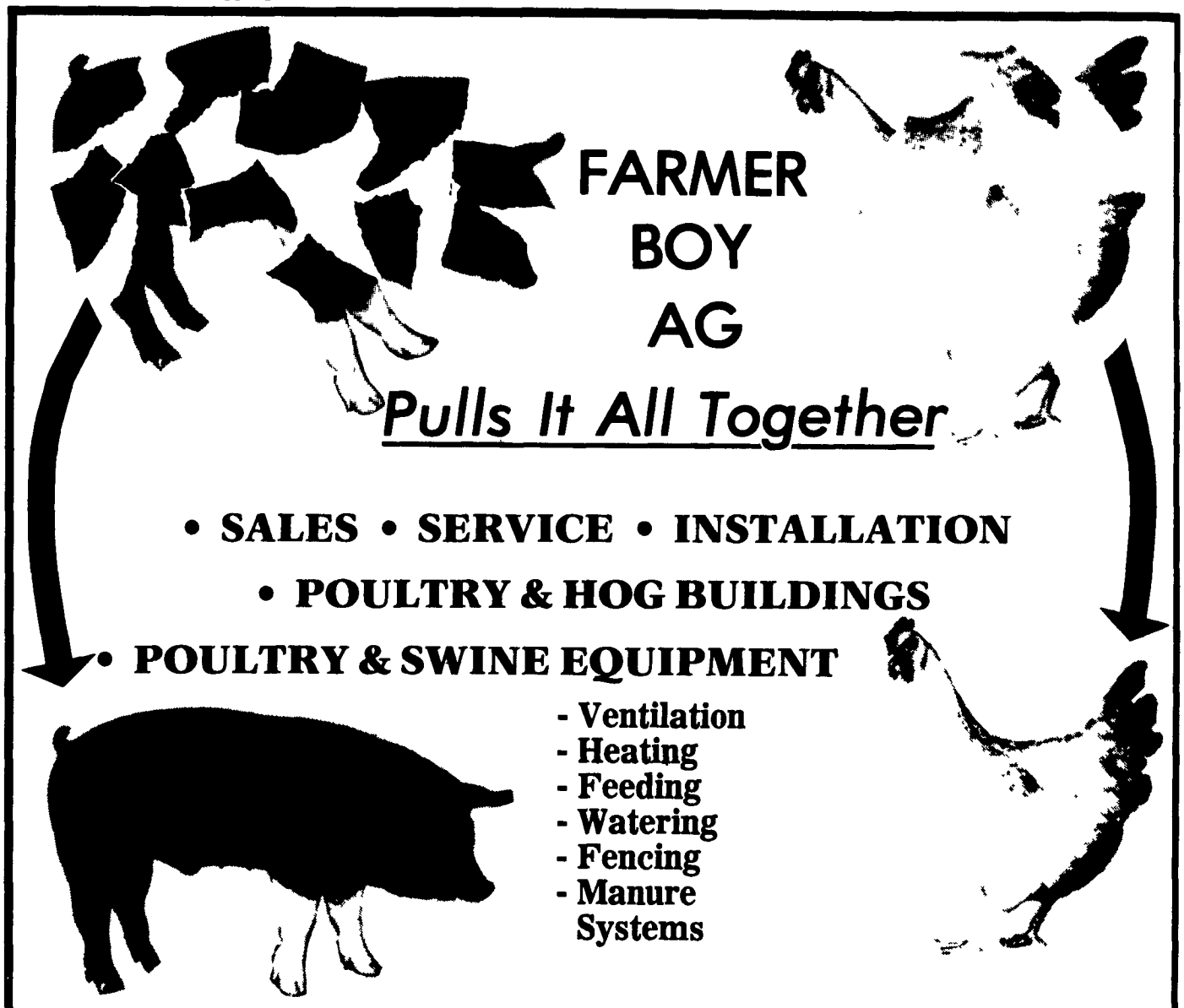

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7H1136	Kane
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To Make This Chart The Bull Has To Pass The Following Standards...

$100 30 Lb. Fat 500 TPI $12.00 Lower in Semen Price

COMPANY	PD $	PD Milk	PD Fat	RPT	T.P.I.	P.D.T.	RPT	Price Per Unit	Number Of Sires	Return On Investment
ABS AMERICAN BREEDERS SERVICE	1.40	1270	39	57	582	+.35	52	$9.76	13	$14.34
ALLIED GENES	1.29	996	42	70	539	+.27	68	$10.16	6	$12.69
FEDERATED GENETICS	1.34	923	41	69	546	+.12	63	$11.40	5	$11.75
SELECT SIRES	1.20	819	37	69	531	+.38	65	$10.75	4	$11.16

All information is USDA July 1986 and off current price list.

T.P.I. = 3 (PDM) + 1 (PDF) + 1 (PDT) Done by HFA
Value Return = PD Dollars ÷ Semen Price
July 1986 USDA

Here Are The Facts... Look Them Over And Contact Your Source For The Best Genetic Buys

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New York DHIA Management Seminar

ITHACA, N.Y. – Large herd dairy farmers wishing to sharpen their herd management skills can attend a two-day seminar on better herd management in Ithaca, Feb. 5 to 7.

The Large Herd Management Seminar "will send farmers away with a whole new way of thinking about their operation," according to Dr. Arden Nelson DVM, co-founder of Dairy Production Consultants who are sponsoring the seminar. "The seminar will give farmers added value to their management records," Nelson added.

The seminar will incorporate the Remote Management System computer program into the discussion of more efficient herd management with dairy production records.

At the seminar, farmers will learn how to interpret lactation curves and realize the significance of milk fat and protein curves in determining the effectiveness of their nutrition program.

They will also learn to manipulate data to measure changes in the nutrition program as well as monitor reproduction and mastitis levels.

Finally, each dairy farmer will have a comprehensive set of RMS records run on his own herd in addition to obtaining a complete analysis during the "hands on" session of the program.

Nelson said farmers could obtain valuable management information by using RMS with their production records. "RMS can show things pure numbers cannot." Information available through RMS include sample day milk production, breeding and calving information, herd summaries and much more.

RMS allows farmers to organize the herd information they want with cows sequenced in the order they choose to meet their individual needs.

Nelson will speak on first calf heifer burnout syndrome and mastitis analysis at the seminar. Additional speakers include Dr. Howard Redlus DVM, co-founder of DPC, Asst. Professor Thomas Cannon, and Dairy Extension Specialists Drs. Terry Smith and R. David Smith.

Dairy farmers with herds of more than 100 milking cows are encouraged to attend the seminar with concentrates on enhancing the farmer's management capabilities using the RMS program. However, Nelson said the seminar is not limited to herds of this size and smaller herd owners are welcome.

The cost of the seminar is $400. This includes a complete herd analysis (normally $100), a comprehensive manual ($75) and two dinners and two lunches.

To register send $50 deposit to: Dairy Production Consultants, PO Box 353, Homer, NY, or call: Dr. Nelson (1-607-749-7514), Thomas Cannon (1-607-276-6356) or Dr. Redlus (1-609-267-7971).

NATIONAL DAIRY COW SALE INDEX

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This sale index can help dairymen place a value on the dairy cows in their own herds. Breed organization sales and private dispersal sales reported in Lancaster Farming are included in the dollar averages.

	Ayrshire	Brown Swiss	Guernsey	Jersey
Year to date:				
Nation	870	1079	1141	960.48
Pennsylvania	832	950	569	1019
Four previous weeks:				
Nation	—	—	1733	2026
Four previous weeks +/-year to date:	—	—	592 higher	1066 higher

	Holstein	Red and White	Milking Shorthorn
Year to date:			
Nation	2102	1825	850
Pennsylvania	2039	2837	922
Four previous weeks:			
Nation	2996	——	——
Four previous weeks +/- year to date:	894 higher	——	——

Four Indicted In $40 Million Dairy Feed Contamination Trial

WASHINGTON – Four former Arkansas gasohol plant operators were charged today in a 52-count indictment involving the sale earlier this year of contaminated dairy feed.

Robert Beuley, the U.S. Department of Agriculture's inspector general, said the indictment charged that feed supplied to dairy farmers in a three-state area by Valley Feeds in Van Buren, Ark., contained the banned pesticide heptachlor. The incident may eventually cost the federal government some $10 million in indemnities to dairy farmers.

In March, officials from the Food and Drug administration and state public health agencies confirmed the presence of heptachlor in milk from cows Arkansas, Missouri and Oklahoma.

The alcohol fuel plant at Valley Feeds apparently used pesticide-treated seed grain in the production of ethanol used for gasohol. The contamination resulted when the company sold the by-product, a distiller's mash, as animal feed.

In response to the contamination of milk and dairy cattle, Secretary of Agriculture Richard E. Lyng sent an emergency task force to the affected states with orders to review the situation and recommend action by USDA. Based on the task force's recommendation, 137 dairy herds were quarantined.

In May, Congress appropriated $10 million for dairy losses. More than $4.5 million has been distributed to date. Forty-three dairy herds remain under quarantine.

Beuley said the indictments were the result of an eight month investigation by U.S. Attorney J. Michael Fitzhugh, Fort Smith, Ark., assisted by the Federal Bureau of Investigation, the Arkansas State Police, the Environmental Protection Agency, the Army Corps of Engineers and the USDA office of the Inspector General.

The men were indicted on a number of charges, including racketeering, mail and wire fraud, and violation of FDA and EPA statutes, said Beuley.

Indicted were Jack E. White, 47, Henry R. White, 62, Jerial Lynn Finley, 40, and Brownie C. McBride, 49. Jack White, Henry White and Mcbride live in the Fort Smith area, and Finley is from Tulsa, Okla.

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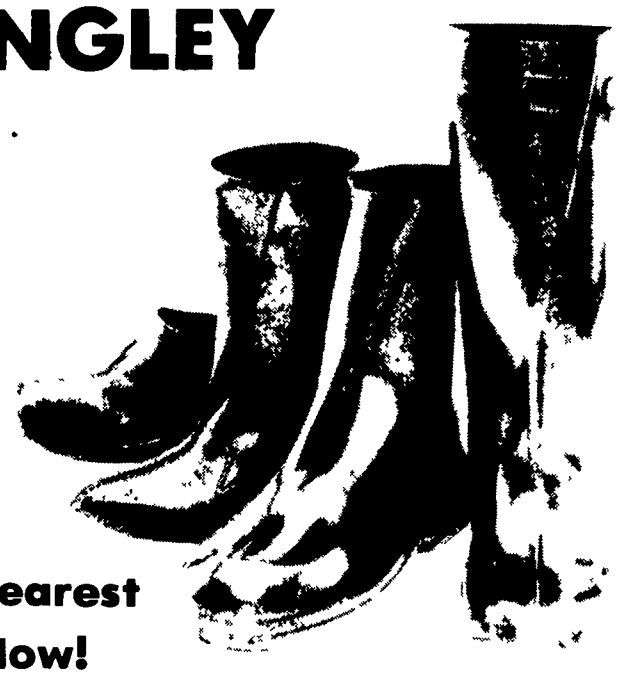

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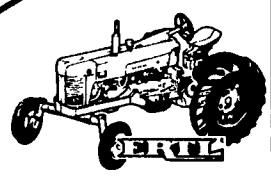

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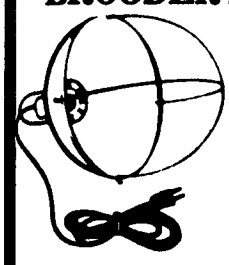

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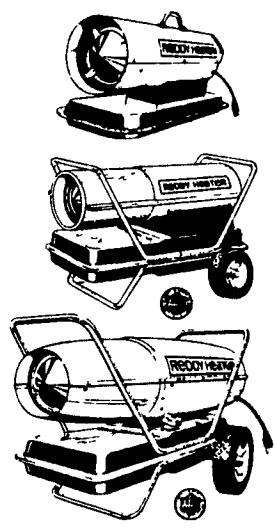

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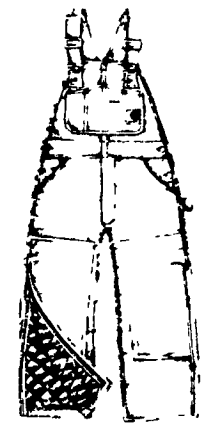

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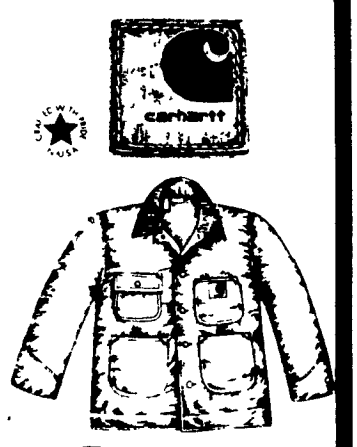

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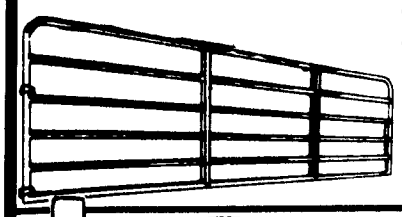

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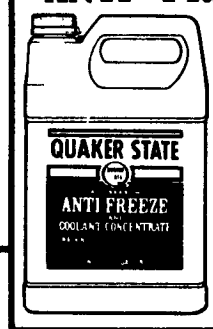

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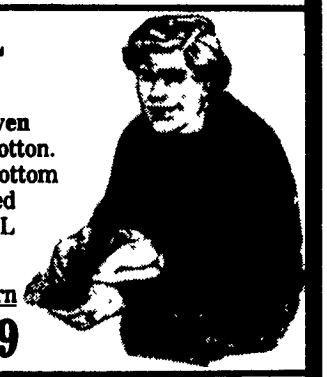

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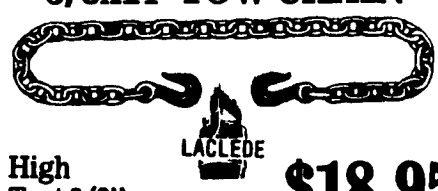

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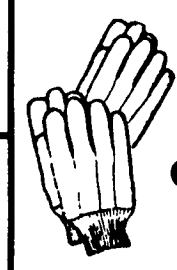

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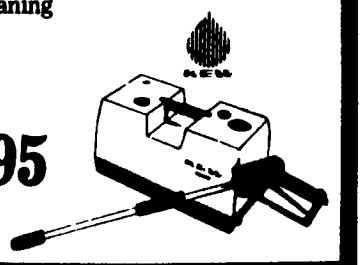

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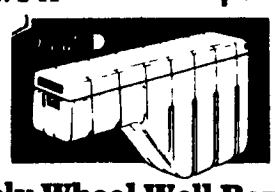

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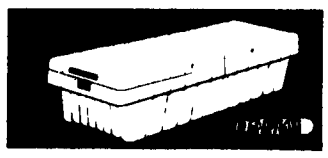

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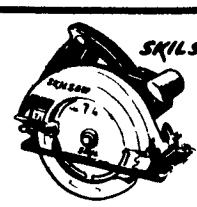

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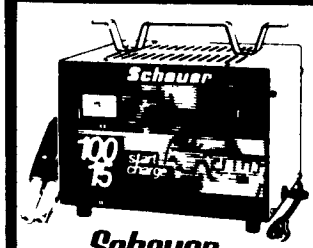

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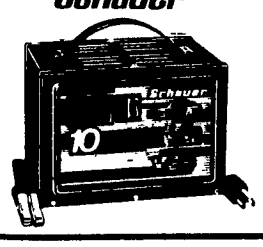


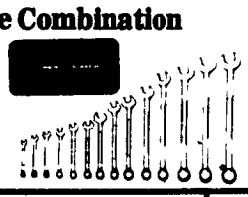
10 AMP Battery Charger
No. C7612
$22.95

½" Square Drive Impact Wrench Kit

No. 1920072
$39.88

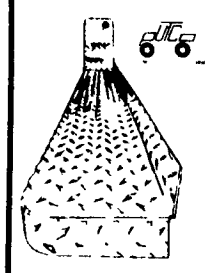
14 Piece Combination Wrench Set

No. 307000
$22.88

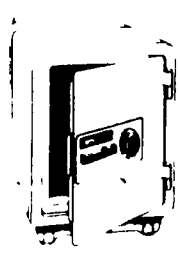


Milk House Heater

No. 7760B1
$24.99

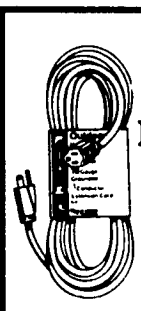


Tread-Brite Aluminum Running Boards
No. 39951
$49.99



sentry Safe-3
No. 1330

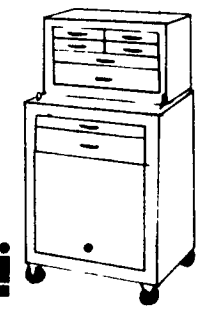
Cost	$124.95
Less Customer Rebate	$10.00
Your Cost After Rebate	$114.95



Extension Cord
No. 626
$8.95

TOOL CHEST

No. 18806



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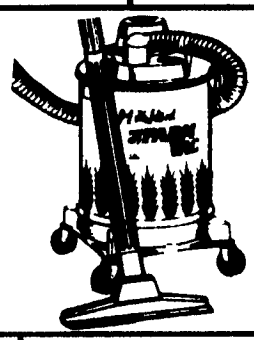

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KATS

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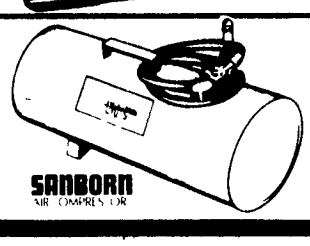

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Faith And Farming

(Continued from Page A27)

steward of the soil and everything else and you could make money like this, you were their prime customer. You went out. They encouraged you. If you were fairly debt free, they encouraged you to load up with debt, right. They loaned you the money. They called you one of their better customers. The people that didn't load up quite as much in debt were not the progressive kind of thinkers and farmers. It makes no difference, you in the room, whether you load it up with debt or whether you didn't. That is not a crime in and of itself. Those looked like good decisions during those days. So I'm not speaking to whether you should or whether you shouldn't have. I'm speaking to what was really occurring.

If you went to your banker, he never asked you for a cash flow. Most bankers couldn't even spell cash flow. Up until about several years ago when they got in trouble...and I use to talk to the bankers. You know in business they knew what cash flow was all about. We had to flow our cash and if we didn't liquidate our debt every year at Hesston Corporation, they wondered why. I'll bet most of you farmers never had a banker ask why you weren't liquidating you debt during that period of time if you were a good farmer. Most farmers were good. They really said well if you make the interest payment, we'll roll it over. Why don't you go out and buy more land. You're a good farmer. You're a blue chip kind of customer. So we were feeding on that thing. Land was going up. You'd take your statement to the banker at the end of the year and suddenly your net worth was worth much more than it was the year before. My goodness, what a deal.

Who could ever make money this fast? You're grandfather didn't and your father didn't. All at once this thing was taking off. Man we were genuses. We all were. But there were some things happening during that period of time that were not healthy.

Labor costs were rising rapidly in our factory and every factory across this country. As a result of that, your price of equipment was rising rapidly. But it didn't make any difference because you'd take your equipment, run it two years, trade it in and it was worth more than when you bought it two years ago in a lot of cases. My goodness, what a way to make money. You can really increase your balance sheet that way. It looked good to the banker. You went right ahead and did it. Hesston Corporation went to New York and geared up and borrowed $35 million in 20 minutes. Not quite that quick. But it was almost that quick. We told them the story about our stackhand and how good it was. We went out and built those buildings getting ready for all you farmers who were going to buy all this equipment. Sure enough you did. Stackhand business went from 50 units to 5,000, 6,000 units in a couple years' time. Now it's back to 60 units again. So we were all caught in it. Again it wouldn't matter whether you were smart or dumb. It wasn't a matter of what happened. The people that were fortunate enough not to get caught in the thing may look smarter today but they were during that time maybe just taking a little less risk. It was a matter of risk taking. And the risks looked good to all of us. Capital goods were going up. Fertilizer was going up. You remember the embargo in '73 and what happened to fertilizer, what happened to fuel, what happened to labor. The value of the dollar went down because nobody believed in our dollar anymore. What did that do to farm exports. Well it's fantastic. You put together loaning people money that couldn't pay it back, the LBC countries. Along with the cheap dollar and a thrust and all at once you got a world export market that was fantastic. So everything was going right. Inflation was rampant. Dollar was cheap. Land prices were going up. It looked good. We had a "feed the world" philosophy. I remember the chairman of our company making a speech that we could never build enough equipment as long as he lived in order to get ready to feed the world. He believed it. And so did a lot of other people. So we were encourage to feed the world. Exports were going up like this and everything else. We also had a philosophy "buy now" because it's going to cost you more tomorrow. So we put all those things together.

Then what happened. We had 19½ percent prime. But the real cost of money was cheap. The cheapest in our history. When the prime was 14 and inflation was 17 and land prices were going up 15, 20 percent a year, your real cost of money was less than 0. One of the few times in history. The fact that interest was high, sure it hurt a little but didn't hurt a lot because everything else was going. Then we decided we needed to lick inflation. By the way we needed to lick inflation, and we're not done licking inflation yet in terms of national deficit.

We took a war on inflation. Everybody put Reagan in office. Felt good about it. What was his campaign, lower the deficit, get rid of the deficit, get rid of all of this inflation and put the brakes on. Very few people, particularly farming, oil and other commodities begin to realize what was going to happen if we put the brakes on all of a sudden. So we put the brakes on. We turned that inflation into a deflation. That deflation has never been more prominent than it is in oil where it went from $38 a barrel to $13 or land where it went from $4,000 to $2,000 or whatever that ratio might be. So in the commodities we're going through a hurendous deflationary period in the '80s. If we weren't going through this period, we'd be like an Argentina or a Mexico pretty soon. If we keep letting inflation take care of our problems and cover up all these things. So we take care of inflation. But the rampant change from inflation to deflation has caused an awful lot of things to happen. Suddenly we've got an expensive dollar. So our dollar is expensive, and we can't export it. They said, well, get rid of the deficit, get the dollar lower then exports will pick up. What happened. We got a little bit of the deficit taken care of. The dollar has dropped 40 percent or so and exports still aren't happening. So what is going on. Don't the economists or anybody know what's going on here?

We've got technology transferred around the world. I went to the world food conference three or four years ago. We are doing a fantastic job of transferring our technology around the world. That's what we wanted to do. We had the Peace Corps. We had our own church programs taking our people through college and teaching them how to transfer the techonology. Sure enough they did a good job. That's what we wanted them to do.

We've got that over credit problem. We've technology around the world. We've got the China exporting product. We've got India exporting product. We've got Europe with all the problems in America today. I might just bring you up to date on that. Europe is now in the first year or maybe the second of going through land evaluation and all that like North America has been through in the last five or six years. They've got an abundance of crop. They've got their land going down. They got farmers screaming. They got farmers who can't make money. So you have a lot of the lower developed countries who can't afford the product. You've got another group of countries who were inporting products who don't need it today because they've got the technology now to do it. And you've the greatest technological, efficient agricultural system in the world. And the bread basket of North America and western Europe who put all of their expert

(Turn to Page A39)

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11 2	24	6	338-397	135.00
12 4	24	4	338-400	137.00
12 4	24	8	338-559	180.00
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DECEMBER

WED. DEC. 17 - 10AM 80 Head of High Grade Holstein Dairy Cattle, Feed & Dairy Supplies. W. of Hagerstown, MD, and 4/10 mi. W. of I-81 on Rt. 58 to Broadfarding Rd., W. 2 mis. on Broadfarding Rd. to farm. Eldon & Betty Eby. Robert C. Mullendore, Auct.

WED. DEC. 17 - 11AM Gentleman's Farm. For: Abe Cotler, Clearview Farms, 2 mis. S. of Pole Tavern Circle, 1 of the show places of Salem Co., Rt. 77, Upper Pittsgrove Twp., Salem Co. Melvin E. Sickler, Auct.

WED. DEC. 17 - 12 Noon. Special Dairy Sale Consignments at New Holland Sales Stables, Inc., 12 mis. E. of Lancaster, PA, just off Rt. 23, New Holland.

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NH TR85 rotary, 4WD, hydro, Cat dsl, 16' flex platform, Bish adaptor, very good, $29,000
MF 760 hydro, cab, AC, 24 5x32 tires, good, 1163 CH, 15' platform, $27,000
MF 750 hydro, cab, AC, nice, 1163 CH, 15' platform, $27,000
MF 510, cab, dsl, platform, $7,500
(2) JD 215 flex platforms, good $5,000-$6,000
JD 213 flex platform, good, $6,000
JD 444 corn head, good, $3,000
(2) MF 44 corn heads, good, $2,800 ea
NH 710 Uni combine w/10' platform $2,500
NH 325 2RN sheller, good, $4,500
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USED TRACTORS
JD MT w/cult, sickle mower & 2 btm plow
JD 50, 3 pt, live power, good, $1,800
JD A Tractor w/picker
MF 85 Tractor gas, WF, $2,800
MF 65 gas, good, $2,500
Farmall Super H, good $1,200
Farmall H $900
Farmall 544, turbo dsl, 3 pt, good $4,500
Farmall 350, $1,700
Farmall 706 Gas WF, excellent $5,000
AC WD w/2 btm plow, good $1,300
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(2) JD 1240 planters, good cond
IH 56 4 row DD, dry fert
IH 13x7 disc drill, good
JD 7000, 6R Cons, Dry Insect, Sharp $8,500

HAY, FORAGE & MISC.
NH 69 Baler, good
NH 269 Baler w/thrower
NH 273 Baler, excellent
NH 68 baler w/thrower
IH 241 round baler, very good
IH 430 baler w/thrower, good
JD 14T baler, nice
JD 480 mower conditioner
IH 990 haybine, 9'
NH 460 haybine
NH 479 haybine, very good
NH 33 Flail Chopper, good
JD 45 Flail Chopper
JD 38 Harvester
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Model 7600 Field Queen Harvester w/Grass Head, Diesel
NH 880 Forage Harvester w/2 heads
JD 115 Forage Box
JD 750 grinder mixer, very good
(2) NH Spreader $400
JD 40 Spreader, excellent
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Vegetable Management Seminar Set

NEW HOLLAND — The Eastern Lancaster County Adult Farmer Program will conduct a Vegetable Management Seminar on Thursday evening, Dec. 18th, from 6:30 to 9 p.m. at the Blue Ball School. Penn State Extension Vegetable and Small Fruit Specialists Mike Orzalek, Pete Ferretti, Rob Amsterdam, and Roland Daniels will present slide illustrated sessions on vegetable and small fruit management topics.

Subjects to be presented will include varieties, cultural practices, fertilization, pest control, and marketing. Research on row covers on cole crops (broccoli and cauliflower) will be presented.

Many local produce crops will be discussed, but emphasis will be on cantaloupes, tomatoes, peppers, cauliflower, broccoki, asparagus, strawberries, raspberries, blackberries, and blueberries.

The opportunity for vegetable growers to update Private Applicator Licenses that expired in September 1986 will be available. All interested persons are invited.

The Blue Ball School is located ½ mile east of Blue Ball on Ewell Rd., between routes 322 and 23. For further information call the Adult Farmer office at 354-4525.

Fire Destroys Pennfield Plant

EPHRATA — Fire swept through one of Lancaster County's largest egg processing plants Wednesday night, destroying the building along with tens of thousands of eggs.

Located near Ephrata, the facility was owned by Pennfield Farms, a division of Pennfield Corp., of Rohrerstown.

Smoke was already pouring from the roof when the Shoeneck Fire Company arrived on the scene. About 150 firefighters from 13 fire companies battled the blaze.

Thirty-five employees were at work in the 32,000-square-foot building when the fire broke out, but no employee injuries were reported. One fireman was treated for smoke inhalation at Ephrata Community Hospital and released.

A company spokesman said that Pennfield was gearing up for the busy holiday season when the fire struck. Between 36,000 and 45,000 dozen eggs were in the plant at the time of the fire.

As of yesterday, the cause of the fire had not been determined. Damage to the building and processing equipment was estimated at $2 million.

Faith And Farming

(Continued from Page A38)

tallents together, and Mennonites have done this better than anyone else, got it all equipped to feed the world at a cheaper rate and no world to feed. There are plenty of people who need food. But there aren't many people you can get the food to for political reasons, for economic reasons, for social reasons, for reasons of national security. So you have the people who can import the food who are raising their own crop. You had overvalued and speculated land prices. I know this may be painful but there is no way in world that you can have Kansas farm prices, wheat land $1,200 an acre, dry land prices and raise wheat on it, and that's all you raise on it. And raise it for what the world will pay for it today and come out.

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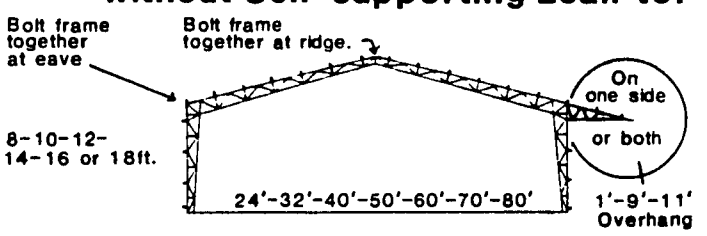

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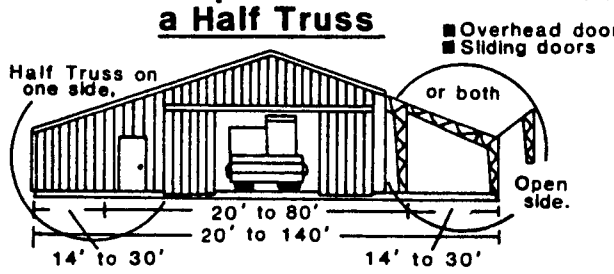

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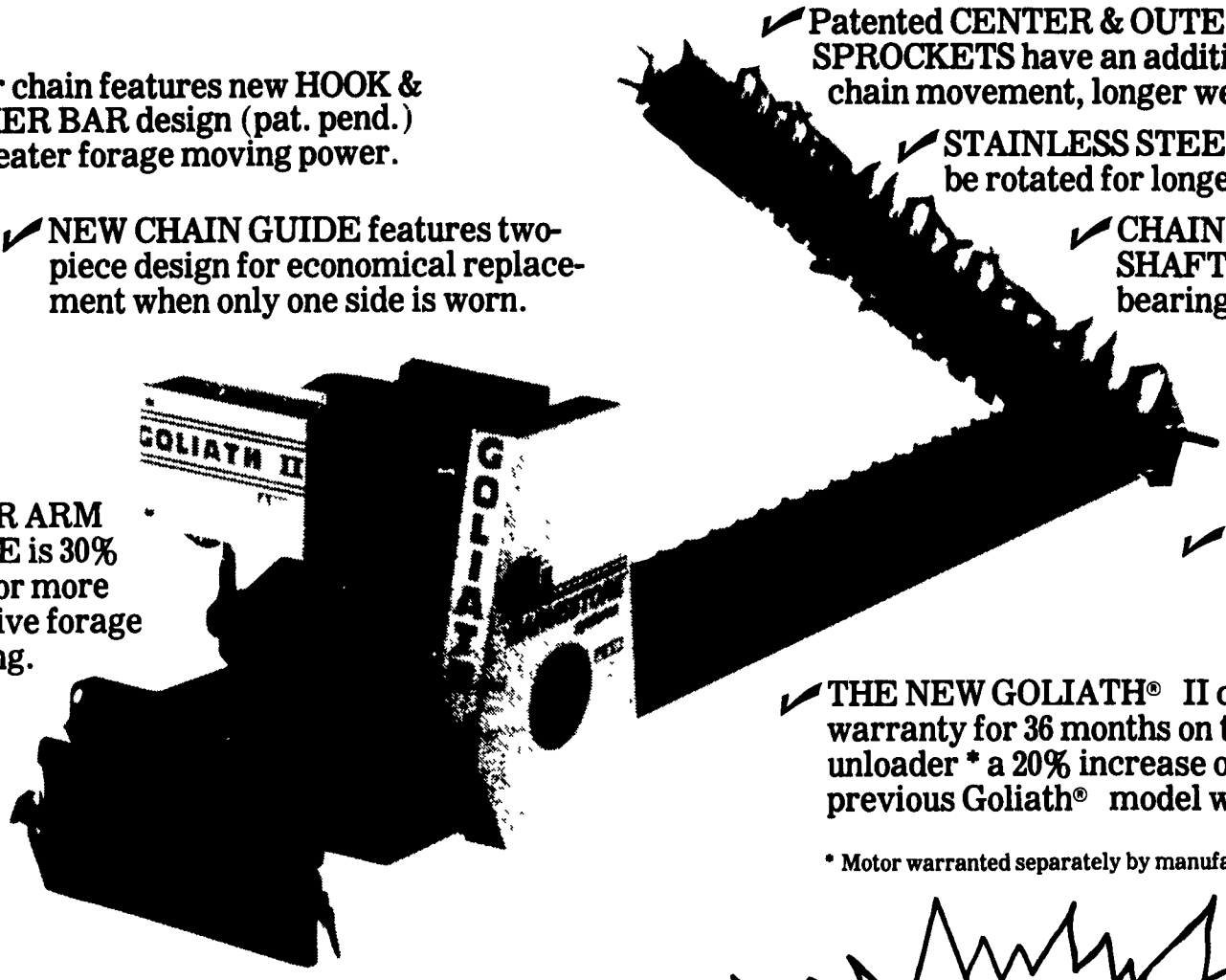

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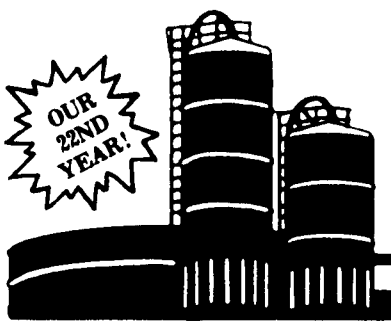

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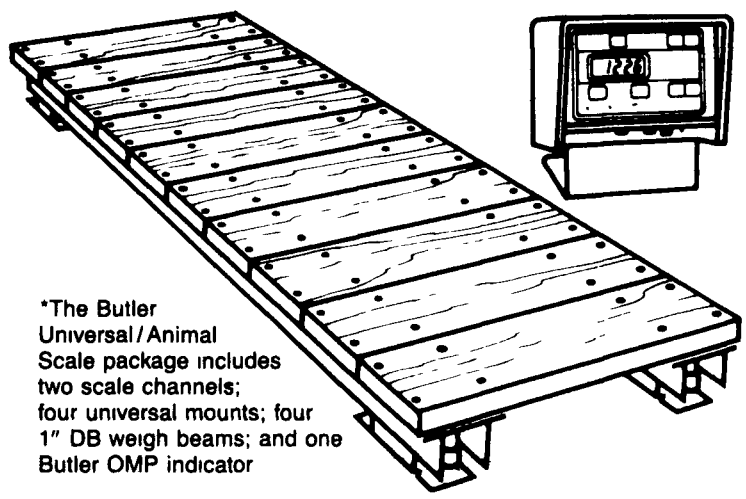

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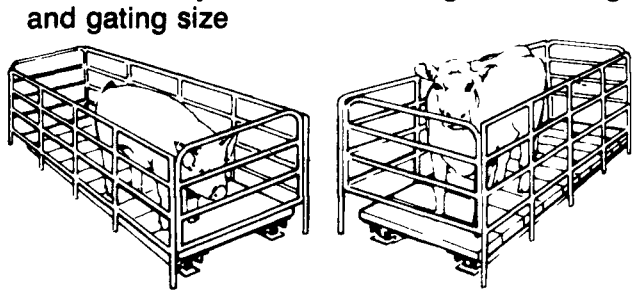

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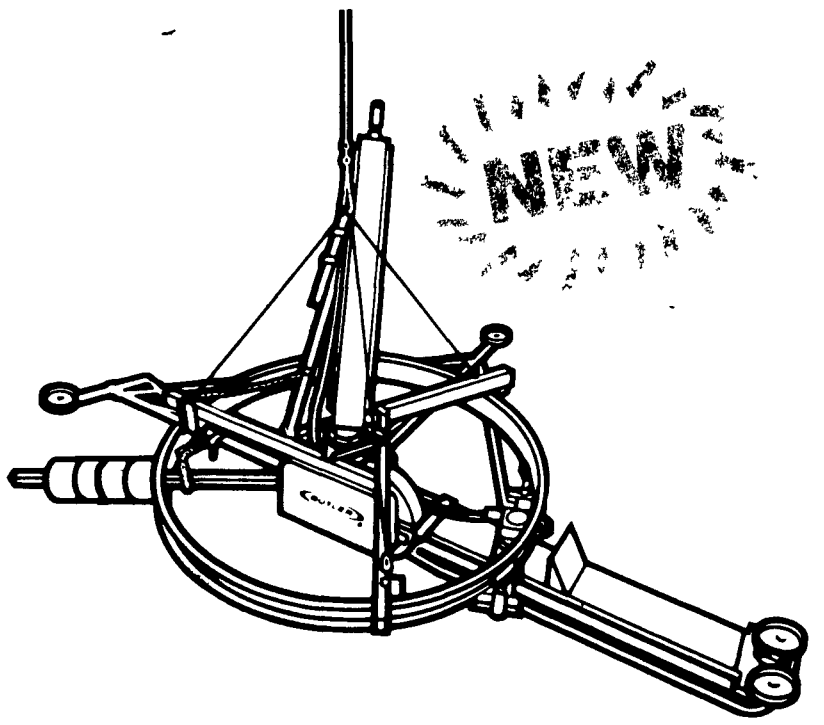

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Backyard Greens Provide Basis For Fragrant, Natural Holiday Decorations

BY SALLY BAIR
Staff Correspondent

ELIZABETHTOWN – If you're concerned about the approaching holidays and how you're going to get your home decorated appropriately, Nancy Reed suggests, "Focus on what's in your yard."

Nancy, the proprietor of a home-based business called "Special Weddings," states clearly that women, especially those who live on farms, often have a treasure trove of evergreens available just outside their front door. She says, "You don't need to spend a lot of money on specialty greens and glittery ribbons. The main focus should be to use what you have."

Nancy pointed out that if you buy your greenery by the piece, it is easy to become discouraged at the high cost of getting what you want, because it adds up quickly. Instead, she says evergreens should not be pruned or trimmed during the summer, pointing out, "Save it. It won't hurt it to cut it now." Nancy suggests using pines and firs because spruces and hemlocks won't last as long in arrangements. Boxwoods also are nice to use in arrangements, though she cautions, "You must diligently water it or it will drop quickly."

At her own suburban home near Rheems outside Elizabethtown, with an average size yard, Nancy chooses from blue juniper, blue spruce, Japanese holly, Swiss stone pine, arborvitae, cypress, blue pacific juniper and Scotch pine. She laughingly says her scotch pine is ugly so she keeps it just for trimming at the holiday season.

In addition to the treasures at her home, Nancy had the foresight to plant balsam firs and red pines at her family's hunting camp near Raystown Lake. There are natural white pines growing in the area, and she trims some of that to use as well. Greens for Christmas would be a welcome gift from any hunter at this season.

A mishapen tree can sometimes be had at bargain prices from a tree lot, and can simply be cut apart to use for decorating.

Nancy also recommends that homemakers get out and walk the fields in the summer and fall to gather othe natural treasures to use in decorating. Plants like teasel, goldenrod and Queen Anne's lace can be found in abundance, and Nancy's only caution is to harvest them just before they are fully mature to capture the best color and shape.

She said it is easy for anyone with a garden to plant perennials which dry easily, such as baby's breath, straw flowers, yarrow, money plants, lamb's ear, and lavender, all of which add interest to arrangements. And, she notes, "Bare branches are beautiful."

All of these dried flowers can be mixed into greens for an unusual decoration. Nancy adds, "With the focus on natural things and on country, you can use anything in arrangements."

She suggests that women ask themselves, "What do I have that doesn't cost me anything?" And, for planning ahead, "What can I plant that won't cost me anything in the future?" She says, realistically, "None of us has the time, particularly farm women, to spend a lot of time."

When she gives demonstrations, Nancy likes to show a centerpiece which can be used for Thanksgiving, and revised for use at Christmas. In fact, she admits to knowing one woman who has kept the arrangement fresh through Valentine's Day, changing only the accent to make it appropriate to the season.

After choosing the basket, crock, bowl or whatever, Nancy says an appropriate container to hold water and the arrangement is important.

She said she saves any kind of plastic containers, like the ones that hold margarine, or the ones that hold cole slaw from delis. She cautions, "Use as large a reservoir as will fit in the basket."

The next step is to cut floral foam (oasis) in the appropriate size. Nancy says most beginners make the mistake of cutting the oasis level with the container, when in fact it should be from ¾ to 1 inch higher than the container. The raised oasis allows for more "graceful lines." If the arrangement will have considerable height, the oasis size may have to be comparably increased.

Support is needed to keep the foam in place, and Nancy suggests using florist tape, or eletrical tape cut down to 1/4 to 1/8 inch. The tape should crisscross the oasis and be attached to the water reservoir.

If the basket being used is uneven, it may be necessary to attach the water reservoir to the container to avoid spillage, and Nancy says that can be done by using wire across the tape and attaching it to the basket.

With the preliminaries over, it's time to arrange the greens. Nancy says, "Start with height, with whatever will be the high point of interest." This can be a length of evergreen or a candle, but she cautions, "Keep it proportionate to the container." If the arrangement is to be used on a dining table, Nancy suggests having the centerpiece no higher than the length from the fist to the elbow when the elbow is resting on the table. Otherwise, she notes, "It will block the view."

If a candle is being used rather than a fresh piece, Nancy says a column candle is easier to use and will stay in place better than a tapered dinner candle. However, if a tapered candle is desired, she advises purchasing candle holders to fit into the oasis and keep it firmly in place. Taping three wooden picks to the candle would accomplish the same goal.

Once the center is established, Nancy says four side points should be inserted, and then "begin to fill in in between. You will have a dimensional pyramid.

"Continue to cut material of varying heights to fill in." She adds that a wide variety of greens may be used, or one green that you may have a lot of, with something that you have just a small amount of used for accent. Making it all come out looking good, she says "is really common sense." She adds, "You need to have long and short pieces, and you need to have it full."

After the greens are in, something as simple as baby's breath can be added, and pine cones, ribbons or other accents. She said she once attended a design school where the leader told the group to think of "B's" as they worked on arrangements, and they'd always be successful. The "B's" he had in mind included bows, berries, bells, and birds.

She notes, "You may not be happy with the original. It takes time and practice." She also points out that most viewers are not terribly critical of anyone's attempt at creating an arrangement.

Nancy said it is important to cut the stems of evergreens on an angle when preparing them for an arrangement, and that individual needles should be clipped at the end of the stem to get rid of the bulk before inserting it in oasis.

Remembering to water arrangements is important, something Nancy admits she finds hard to do. In fact, this accomplished flower arranger admits, "I'm not a good plant mother." She also cautions that care should be taken to put something under a container so water does not leak onto a beautiful table and ruin it. And, she says, arrangements should always be taken to the sink for watering.

A popular look at Christmas is to have an evergreen wreath at every window. Nancy says making the wreaths can be accomplished with just a little work. The base for a window wreath would be a Styrofoam wreath form with a heavy wire center, to support the weight. She says, "The best evergreens for wreaths are Scotch pine, Douglas fir, or white pines, or a mixture of them if necessary.

Florist's pins are needed to hold the greens in place, or, in place of them, long hairpins will do. Nancy said, "Cut lengths of 6 to 10 inches for a small wreath or whatever is comfortable."

Beginning at the center, she said the greens should be pinned on in one direction on the inside of the

(Turn to Page B4)

Nancy Reed, a florist from the Rheems area, suggests using greens from the backyard to create beautiful, natural holiday decorations for the home.

Nancy's primary business is doing flowers for weddings, using both fresh and silk flowers. Here she shows a silk arrangement in her living room.

Homestead Notes

Nancy likes to leave the trimming of all her evergreens for the holiday season. Here she works on two varieties of greens outside her garage.

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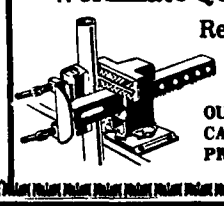

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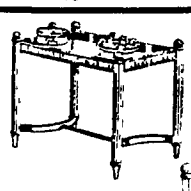

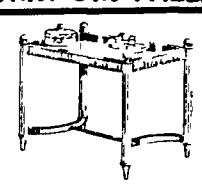

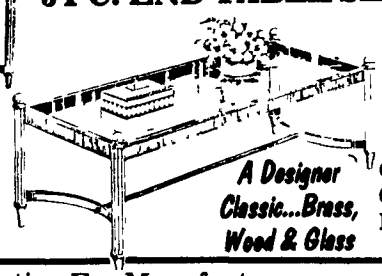

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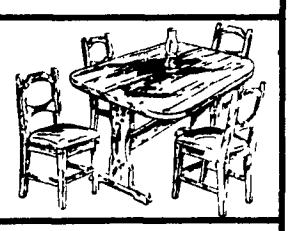

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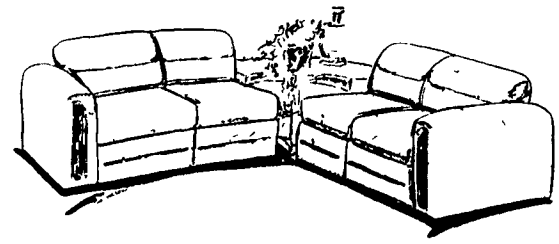

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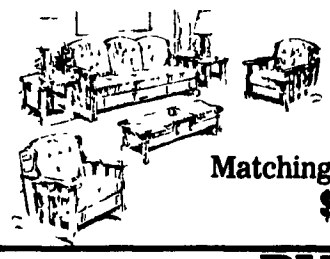

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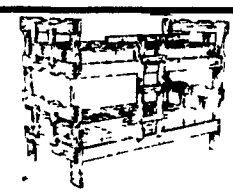

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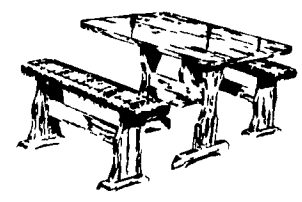

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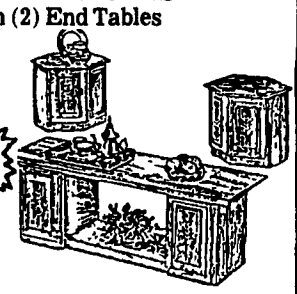

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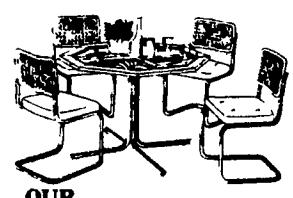

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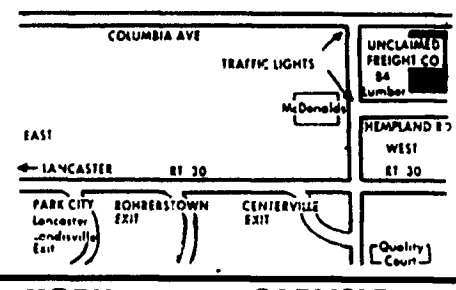

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Homestead Notes

Holiday Decorations

(Continued from Page B2)

wreath. The procedure should then be repeated on the outside of the wreath, finishing up in the middle. She cautioned, "Always overlap and pin on in the same direction, and you will have a nice, neat, methodical appearance."

The finished wreath can be hung by clear fishing line, wire or ribbon. Any kind of accents can be added.

Nancy says there is increased emphasis on the natural in recent years, and attributed it to the fact that "people are fed up with plastic and fake things. They yearn for natural fragrances, natural feels and natural looks. And they are willing to pay for it now, because people have a lot more money to have pleasurable things."

In her wedding trade, which makes up 90 percent of her business, she says she has seen a reversal of the trend of a few years ago. Now about 60 percent of her clients want fresh flowers and 40 percent want silks.

In other Christmas decorating around home, Nancy says, "I like to see pots and baskets of greens. You don't even need floral foam. Just cut off the stem and put it in water in a large container. She said she also likes to just lay large branches of greens around the home, and often sticks pieces of greens in among a basket of mixed fresh fruit. Greens without water will probably not last more than two weeks, but they can be replaced as needed.

For a more striking appearance, Nancy says using three small poinsettias can be as effective as using one large one — and less expensive. She said she likes to group three single poinsettias in a big basket, then fill it with greens or spanish moss, and "it looks like one big one."

Really entering into the Christmas spirit, Nancy said she likes to decorate her entire home, not just the most used rooms. In her bathroom, she lays greens on the back of the commode, and tucks balls in among them. On dressers, she often puts greens around the candles already in place.

Despite her certain expertise (she had 42 weddings in 1986), Nancy never had formal training as a florist. She is a Registered Nurse, but says she learned her present craft by "osmosis." She has an aunt who is a florist, and Nancy says with a laugh, "I was subjected to it ever since I was a toddler." She missed being in a flower shop, and five years ago, with encouragement of friends, she opened "Special Weddings," and it has been growing ever since.

The only advertising she does is through Welcome Wagon, and Nancy says, "I offer a personalized business. I like to spend time with my clients and get to know them. My talent is God's gift, and I think you must be gifted in order to be good." While she never actually studied flower arranging, Nancy does attend design schools to keep up with the latest trends in the industry.

Nancy is the mother of two boys, ages 11 and 16, and her husband is James Gary, a chemist who works at the Three Mile Island power plant. Nancy's business extends from Harrisburg, to York to Dillsburg to Lancaster, and she says quite simply, "It is a job I love." One reason for her enthusiasm about her business is the many new friends she makes through it."

Nancy has no qualms about teaching others to make arrangements, saying, "It gives me pleasure and I feel I am obligated to share. I'm glad to help others learn a few basic mechanics so they can enjoy arrangements for themselves."

As the Christmas season approaches, if you're wishing for something fresh for your home, look around your yard. You just may have some trees or bushes that need to be trimmed, and they could be the start of a beautiful arrangement.

To form butter balls, first scald and then chill a pair of wooden butter paddles. Roll about a tablespoon of firm, but not too cold, butter lightly between the paddles, dropping each textured butter ball into ice water. Keep the paddles cold by dipping them into ice water as you continue to form butter balls.

Easy Cream Frosting for a two-layer cake is made in an instant by combining one package (3¾ ounces) any flavor **instant** pudding mix with 2 cups whipping cream. Mix according to package directions (do not whip). Keep the frosted cake in the refrigerator until serving time.

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Ida's Notebook

Ida Risser

This month it is 40 years since I took my first trip to the West coast. We did not fly nor did we travel by car or bus. Instead, I and my girl friend spent two weeks on a private train. It consisted of two cars that converted into berths at night, a dining car, an observation car and two engines.

By day we stopped in Chicago, Denver and Salt Lake City and toured places of interest. But at night, as we slept, the train carried us westward. The folks on the tour were mostly Ohio farmers going to a convention in San Francisco. They were a friendly group and to make the trip especially memorable, we met two young men who had never traveled much before either.

We were a constant foursome as our train stopped during the day for us to see "Feather River Gorge" and the "Continental Divide." Then the ferry took us from Oakland to San Francisco. Here we toured the giant redwood forests and saw Chinatown and the fish markets after a ride on a cable car.

While the others were at meetings, my girl friend and I took a night train along the Pacific coast to Los Angeles. Her aunt met us and we had a grand tour of Hollywood and Mt. Wilson Observatory, where we saw snow. That same day I picked my first oranges and lemons from a tree in her backyard.

A few days later, we met our train again and traveled to see the beautiful and spacious Grand Canyon, where I managed to get sick after climbing a high tower—how embarrassing. Our last major stop was at Carlsbad Caverns in New Mexico. They are the largest underground caverns in the world and we had lunch in a cafeteria 700 feet under the earth. The Big Room is 300 feet high and over one-half a mile long.

The singing, dancing and mistletoe will always remain a pleasant memory at Christmas time. It was a wonderful way to travel and watch the unfolding American countryside.

Christmas Rose Braves Winter Winds

NEWARK, Del. — An uncommon Christmas gift for your favorite gardener is the Christmas rose, a winter flowering perennial.

"This hardy, low-growing garden plant isn't a rose at all," says Dave Tatnall, University of Delaware extension horticulturist. "Actually, it's a member of the buttercup family noted for its remarkable habit of flowering during the dead of winter. Often its blooms can be seen poking bravely through the snow."

The Christmas rose usually grows 10 to 12 inches high and has large, leathery, deeply cut evergreen leaves. Its blooms, which measure two to four inches across, are white with golden centers.

According to Tatnall, the Christmas rose (Helleborus niger) is offered by a number of mail-order nurseries.

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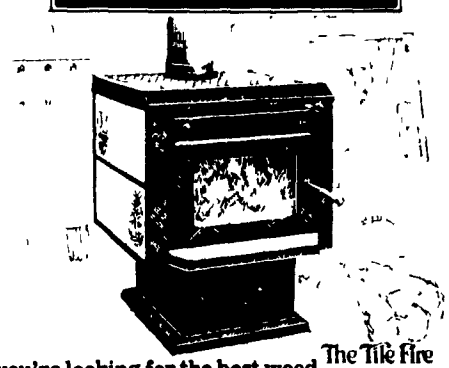

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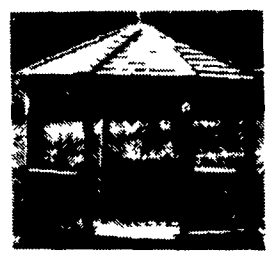

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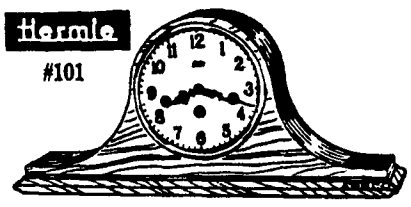

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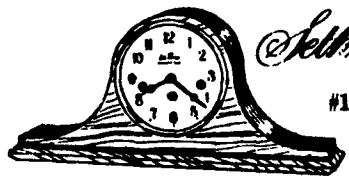

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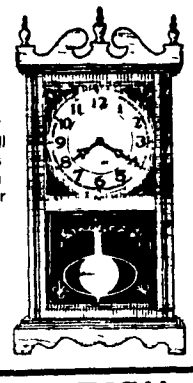

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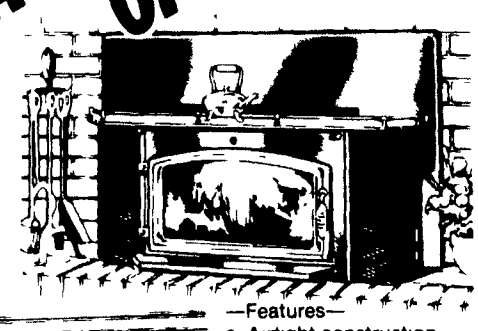

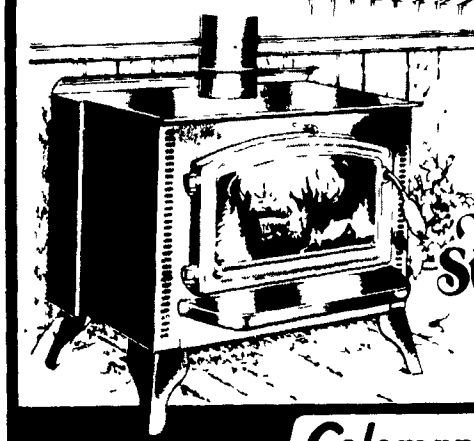

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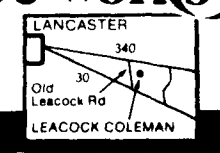

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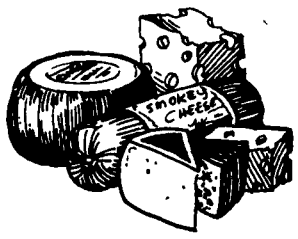
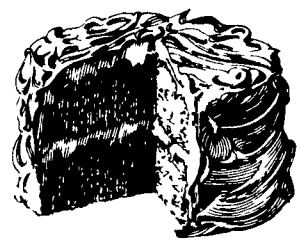


Home On The Range



Delight Holiday Guests With Appealing Desserts

Sharing food with friends and neighbors is one of the special joys of the Christmas season. Homemakers are always searching for special recipes that will delight their guests and desserts are some of the most fun to prepare.

That's why we asked you to share your favorite holiday dessert recipes with us this week. Readers were especially generous, sending tried and true recipes for raisin cake, plum pudding, pumpkin cheesecake and a host of other goodies.

We're sure you'll find at least one that will be perfect for your holiday entertaining plans. Happy baking!

ENGLISH PLUM PUDDING

1 pound flour
1 pound ground suet
1 egg, slightly beaten
½ cup sugar
1 pound raisins
1 pound currants

Mix all ingredients well. Form into ball and tie in muslin square about 36-by-36 inches, leaving enough room for expansion. Fasten to stick (a piece of broom handle can be used) and place across top of large kettle. Cook in boiling water — enough to keep pudding covered. Boil for 6 hours. Drain and serve while steaming hot.

Note: This pudding may be frozen and reheated in double boiler. The recipe was brought from England by my grandmother and is a Christmas tradition in our family.

Pudding Sauce

1 cup sugar
½ cup water
1 egg white
½ pint heavy whipping cream
Juice and rind of 1 lemon

Cook sugar and water until it spins a thread in cold water. Add sugar mixture slowly to stiffly beaten egg white. Add grated rind and juice. Chill thoroughly. Add whipped cream and beat thoroughly. Serve over hot pudding.

Mrs. Donald Hill
Apalachin, N.Y.

AMAZIN RAISIN CAKE

3 cups flour
2 cups sugar
1 cup mayonnaise
⅓ cup milk
2 eggs
2 teaspoons baking soda
1½ teaspoons cinnamon
½ teaspoon nutmeg
½ teaspoon salt
¼ teaspoon cloves
3 cups chopped peeled apples
1 cup seedless raisins
½ cup coarsely chopped walnuts

Grease and flour 2 9-inch round baking pans. In large bowl with mixer at low speed, beat first 10 ingredients 2 minutes, scraping the bowl frequently. Stir in apples, raisins and nuts. Pour into pans. Bake at 350°F. for 45 minutes or until tester in center comes out clean. Cool in pans 10 minutes. Remove, cool. Frost with favorite white whipped icing or whipped cream.

Note: you can use 3 8-inch round pans and bake at same temperature for same amount of time.

Mrs. Linda Zerr
Sinking Spring

CRANBERRY EGGNOG CHEESECAKE

Crust:
1½ cups crushed coconut bar cookies
6 tablespoons butter, melted
Filling:
1 cup sugar, divided
2 envelopes unflavored gelatin
¼ teaspoon salt
4 eggs, separated
1½ cups dairy eggnog
2 8-ounce packages cream cheese, softened
1 tablespoon grated orange peel
1 teaspoon vanilla extract
½ teaspoon cream of tartar
1 cup whipping cream, whipped
1 16-ounce can jellied cranberry sauce

For crust: Preheat oven to 350°F. Combine cookie crumbs and butter. Press onto bottom and part way up sides of 9-inch springform pan. Bake 8 to 10 minutes, or until golden. Cool completely on wire rack.

For filling: Combine ½ cup sugar, gelatin and salt in medium-sized heavy saucepan. Beat egg yolks slightly and combine with eggnog; gradually stir into gelatin mixture. Cook over low to medium heat, stirring constantly, until gelatin is dissolved and sauce is slightly thickened. Do not boil. Remove from heat and cool slightly. Beat cream cheese, orange peel and vanilla until fluffy. Stir in cooked mixture until well blended. Refrigerate until mixture mounds when dropped from a spoon. Beat egg whites and cream of tartar until frothy. Gradually beat in remaining ½ cup sugar; beat until stiff and glossy. Fold whites and whipped cream into cream cheese mixture. Puree cranberry sauce in food processor of blender until smooth. Spoon ⅓ of cream cheese mixture into crust. Top with ⅓ cranberry puree. Swirl cranberry mixture into cream cheese mixture using spatula. Repeat layers twice. Refrigerate several hours or overnight.

Use dairy eggnog and cranberry sauce to create an appealing holiday cheesecake stacked with the season's best.

PUMPKIN CHEESECAKE

Crust:
1¼ cups graham crackers crumbs (16 crackers)
2 tablespoons sugar
3 tablespoons melted butter
Filling:

Cream 19 ounces softened cream cheese, 1¼ cups cooked, drained pumpkin (frozen or canned), 4 eggs, 1 cup sugar, 2 teaspoons grated lemon peel, ¼ teaspoon vanilla, ¼ teaspoon salt, ¾ teaspoon cinnamon, ¼ teaspoon ginger, 1/8 teaspoon cloves.
Topping:
Whipped cream

Directions: Heat oven to 350°F. Stir together graham cracker crumbs and 2 tablespoons sugar. Mix in butter thoroughly. Press mixture evenly in bottom of 9-inch pie pan. Bake 10 minutes. Cool.

Filling: Reduce oven temperature to 300°F. Beat cream cheese in large mixing bowl. Gradually add 1 cup sugar. Beat until fluffy. Add lemon peel and vanilla. Beat in eggs one at a time. In a separate bowl, add spices to pumpkin. Mix well. Add to cream cheese mixture. Pour over crumb shell. Bake 1 hour until center is firm. Cool to room temperature. Chill at least 3 hours. Top with whipped cream.

Juli Punderson

APPLE-RAISIN TART

6 medium tart cooking apples
1 tablespoon lemon juice
½ cup raisins
1 cup sugar
1½ teaspoons flour
1 teaspoon ground cinnamon
¼ teaspoon ground nutmeg

Peel, core and slice apples; mix with lemon juice and raisins. Combine with a mixture of sugar, flour, cinnamon and nutmeg. Line an 11-inch removable bottom tart pan with pastry, trimming edge flush with top edge of pan. Spread apple mixture evenly in pastry shell. Bake on lowest rack at 400°F. until pastry is well browned and apples are tinged with brown and tender, 40 to 50 minutes. Cool slightly. Then remove pan sides. Serve with whipped cream if desired.

Buttery Pastry:
Stir together:
1¼ cups flour
2 tablespoons sugar
6 tablespoons firm butter

Mix until ingredients form coarse crumbs. Beat 1 egg yolk with ½ teaspoon vanilla and 1 tablespoon cold water. Gradually stir into flour mixture, stirring with a fork until pastry clings together. Form into a ball. Roll out on a floured board or pastry cloth to a circle about 13 inches in diameter.

Betty Biehl
Mertztown

PUMPKIN ROLL

Cake:
⅔ cup pumpkin
¾ cup flour
1 cup sugar
3 eggs
1 teaspoon baking soda
1 teaspoon cinnamon

Beat together in large bowl.

Filling:
1 8-ounce package cream cheese
4 tablespoons butter
1 teaspoon vanilla
1 cup confectioner's sugar

Beat all ingredients together.

Grease and flour a cookie sheet very heavily. Spread mixture over entire sheet. Bake at 350°F. for 10 to 15 minutes. After baking, remove cake from cookie sheet and immediately flip it onto a towel. Roll it up (towel too) and place it in refrigerator for 1 hour.

After the hour of refrigeration, unroll the cake and spread the filling evenly over the entire cake. Roll up in foil and refrigerate. Can be frozen.

Linda Miller
New Smithville

(Turn to Page B8)

Recipe Topics

If you have recipes for the topics listed below, please share them with us. We welcome your recipes, but ask that you include accurate measurements, a complete list of ingredients and clear instructions with each recipe you submit. Send your recipes to Sue Keene, Lancaster Farming, P O. Box 366, Lititz, PA 17543

December

20- Fireside Treats
27- Leftovers

January

3- Low-Calorie Dishes

Featured Recipe

When florist Nancy Reed was asked for a recipe to include as the featured recipe, she quickly said, "I know one that's quick, easy, everybody loves it, and you can make a big batch." Below is that perfect recipe for this holiday season.

She can't remember where she got the recipe but says that it remains a favorite and each year she makes it for her husband's Christmas party. She noted that when making three or four times the recipe it is easier to work with the mixture if you make two double batches. When preparing it for a party Nancy says she uses a variety of pie fillings for a colorful dessert tray.

Easy Cheesecakes

1 dozen vanilla wafers
12 ounces cream cheese
2 eggs
½ cup sugar
½ teaspoon vanilla
1 cup pie filling (cherry, strawberry, lemon, blueberry)

Beat the sugar, vanilla, cheese and eggs until well blended. Put 1 vanilla wafer in cupcake paper in a muffin pan. Fill each cup ⅔'s full with the cream cheese mixture, bake at 350°F for 15 to 20 minutes. Let stand 15 minutes Then top with pie filling when cool Makes 1 dozen

Note· Nancy says she prefers to bake them on the top shelf of the oven

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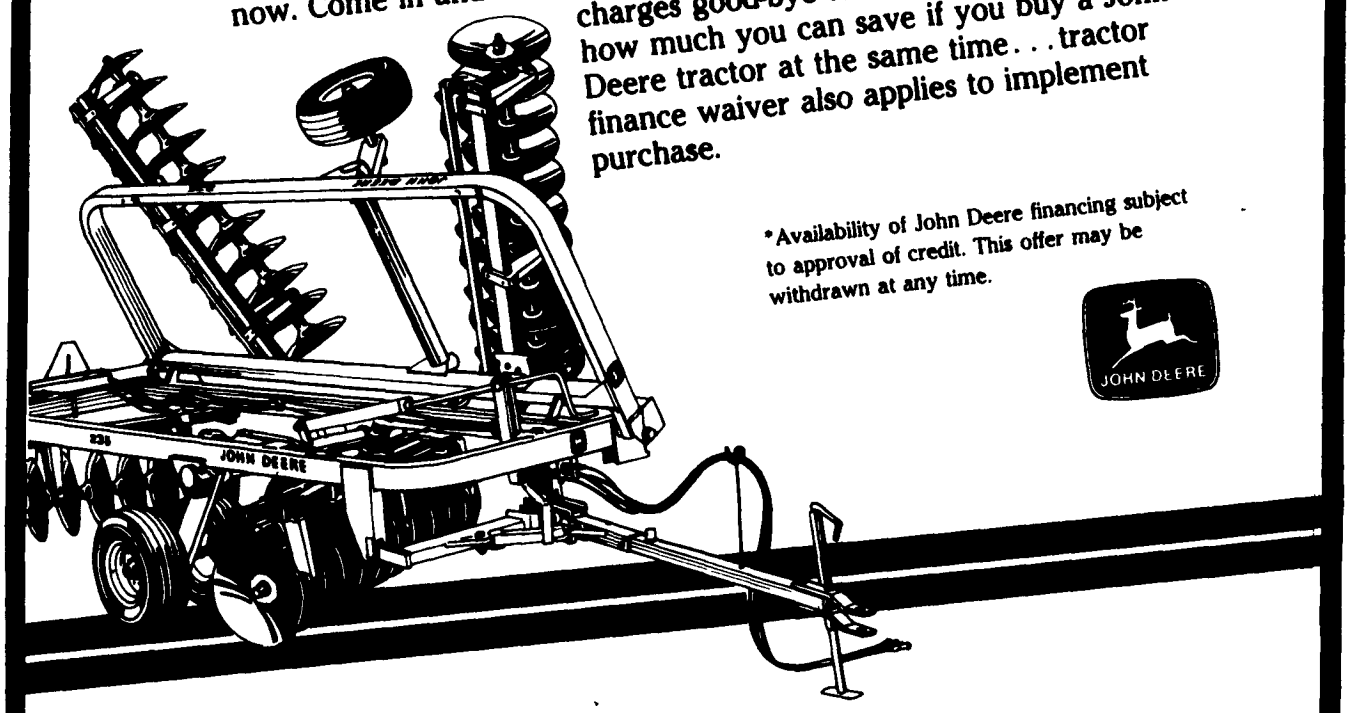

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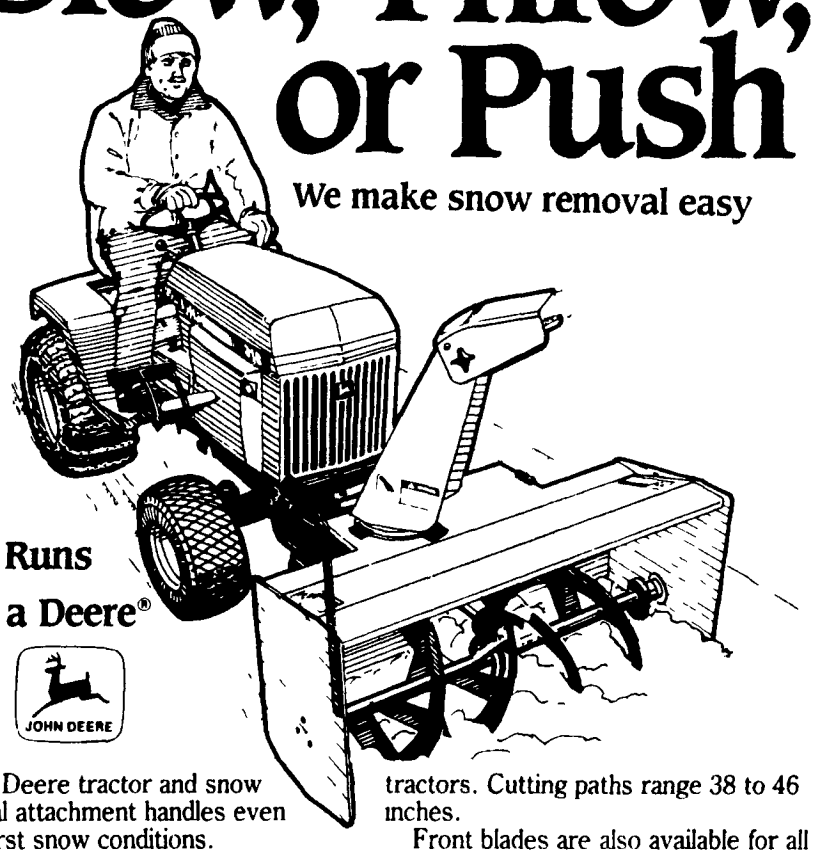

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Cook's Question Corner

If you are looking for a recipe but can't seem to find it anywhere, send your recipe request to Cook's Question Corner, care of Lancaster Farming, P.O. Box 366, Lititz, Pa. 17543. There's no need to send a SASE. If we receive an answer to your question, we will publish it as soon as possible.

Answers to recipe requests should be sent to the same address.

QUESTION - Geraldine Smith, Felton, would like a recipe for frosting that is on the butterscotch crumpets made by Tastykake.

QUESTION - Harold Latshaw, Walnutport, would like recipes for kipfels, nut rolls and cookies.

QUESTION - Mrs. Edith Rader, Holmes, would like a recipe for pan pudding that is not gummy.

QUESTION - James Kane, Shirleysburg, would like a good recipe for beef jerky.

QUESTION - Mrs. Willis Newswanger, New Holland, would like a recipe for a centerpiece using moth balls, water and citric acid. The moth balls continue bouncing up and down like snow balls.

ANSWER - S. Brubaker, Ephrata, requested a recipe for Danish dessert. Obviously the dessert is a favorite among Lancaster Farming readers because many shared similar recipes. Thanks go to Doris Martin, New Providence, for the recipe below, and to all others who shared their recipes.

Kool Aid Dessert

1 package unsweetened Kool Aid, strawberry
1 cup sugar
2 quarts water or fruit juice
4 heaping tablespoons clearjel or cornstarch
1 6-ounce package strawberry gelatin
4 cups fresh or frozen strawberries

Mix Kool Aid, sugar, water and clearjel Cook until clear Add gelatin When cool, add fruit

Note Also good using cherry Kool Aid, gelatin and fruit Rhoda Martin of Myerstown suggested orange-flavored gelatin with crushed pineapple and peaches

ANSWER - Marteen Grubb, Clearville, asked how to make a camphorated oil to grease small children for colds Thanks go to Ida Keeny, New Freedom, who shared the following remedy

Mother's Rub For Chest Colds

Mix equal parts of camphorated oil or spirts of camphor, spirts of turpentine, kerosene and melted lard We sometimes also added eucalyptus oil Place in a small jar that will close tightly To use, warm jar in pan of hot water Rub liberally on chest and cover with warm flannel cloth This may not smell good, but it is very effective For external use only

To open a stuffed up head, put a drop of eucalyptus oil on the corner of a handkerchief and inhale Roll up in handerchief so it doesn't evaporate so fast

ANSWER - Harold Latshaw, Walnutport, requested a recipe for a nut roll Thanks go to Patricia Lansberry, Woodland, for the following recipe

Two-Hour Nut Roll

Dissolve 2 packages dry yeast in ½ cup warm milk with 1 tablespoon of sugar in it Set aside.

Take 6 cups flour, 1 teaspoon salt, 2 tablespoons sugar, and mix together with hands. Then add ½ pound oleo, 3 eggs, ½ pint sour cream, and yeast mixture Work dough with hands until it is nice and light Dough must not be sticky You may have to add more flour. Cut dough into 4 equal parts. Roll out each part onto a sugared and floured surface. Spread filling and roll up. Let rise about an hour or until it's double in size. Bake at 350°F. for 35 to 40 minutes or until golden brown.

Nut Filling

2 pounds walnuts

Grind nuts fine. Add sugar to walnuts to taste. Add canned milk to spreadable consistency.

ANSWER - Debbie Mast, Collegeville, requested a recipe for Kugelhupf. Thanks go to Nanci L. Radcliffe, Lititz, for the following recipe.

Kugelhupf

1 package active dry yeast
½ cup warm (105° to 115°F.) water
1 cup milk
¼ cup butter or margarine
2 eggs
¼ cup sour cream
4½ cups unsifted all-purpose flour
¼ cup wheat germ
½ cup seedless raisins

Sprinkle yeast over warm water, set aside Heat milk until bubbles form at edges Stir in butter or margarine and set aside to cool to room temperature In large bowl, beat eggs and sour cream. Add flour, yeast and cooled milk Beat until smooth. Stir in raisins.

Cover batter and allow to rise in a warm draft-free place until double in size (about 45 minutes) Grease a bundt or tube pan and sprinkle inside with wheat germ. Beat batter and spoon into pan. Set aside and allow to rise again in a warm draft-free place (about 45 minutes)

Heat oven to 350°F. Bake until golden on top and bread sounds hollow when gently tapped (about 55 to 60 minutes). Cool 10 minutes and remove from pan Cool completely on cooling rack.

ANSWER - Arline Koons requested a recipe for opera fudge. Thanks go to Nancy Kramer, Newmanstown, for the following recipe.

Opera Fudge

4 cups sugar
1⅓ cups milk or light cream
¼ cup light corn syrup
½ teaspoon salt
¼ cup margarine
2 teaspoons vanilla

Combine first four ingredients in a heavy 4-quart saucepan. Cook, stirring constantly, until mixture boils. Cover and boil 3 minutes. Uncover and cook without stirring to 236°F. on candy thermometer. (If you feel you should stir mixture, do it very gently.)

Remove from heat and add margarine. DO NOT STIR. Cool to 110°F. then add vanilla and heat until dull, thick and light in color. Quickly pour into a buttered 9-inch pan, form into balls and place on wax paper Cover and chill overnight. Remove from refrigerator 20 minutes before coating.

Coating For Opera Fudge

2 cups chocolate chips
2 tablespoons plus 2 teaspoons shortening

Melt to 108°F for best results Place chips and shortening in large glass cup or jar and stir Set in a pan of warm water, not hot Be sure bottom half of jar is covered Stir until melted. Cool to 88°F Keep jar in warm water to maintain temperature

Holiday Desserts

(Continued from Page B6)

FRUIT COCKTAIL CAKE

2 cups all-purpose flour
2 eggs
1½ cups granulated sugar
2 teaspoons baking soda
1 17-ounce can fruit cocktail
¼ cup brown sugar
½ cup chopped nuts

Frosting:

½ cup evaporated milk
¾ cup granulated sugar
1 cup butter
1 cup coconut

Preheat oven to 350°F. Mix flour, soda, eggs, sugar and fruit cocktail together with mixer until they are well mixed. Place batter in a 13x9x2-inch pan which has been greased and floured. Sprinkle top of batter with the nuts and brown sugar. Bake at 350°F. for 30 to 35 minutes or until done. To make frosting, mix milk, sugar and butter together in a pan. Bring to the boiling point and boil for 2 minutes. Add coconut and spread on cake. May be served warm.

Betty Biehl
Mertztown

CRANBERRY-APPLE COBBLER

4 cups sliced, peeled apples (4 medium)
1 cup raw cranberries
1 cup sugar
3 tablespoons tapioca
¼ teaspoon salt
1 cup water
1 tablespoon butter or margarine
1 cup all-purpose baking mix
2 tablespoons sugar
1 tablespoon grated orange rind
¼ cup milk

Combine apples, cranberries, 1 cup sugar, tapioca, salt and water in large saucepan. Let stand 5 minutes. Bring to a boil over medium heat, stirring constantly. Pour into shallow 2-quart baking dish; dot with butter.

Combine biscuit mix, 2 tablespoons sguar, orange rind and milk. Drop from teaspoon onto hot fruit mixture. Bake at 375°F. for 30 minutes or until lightly browned. Serve warm with whipped topping if desired. Makes 9 servings.

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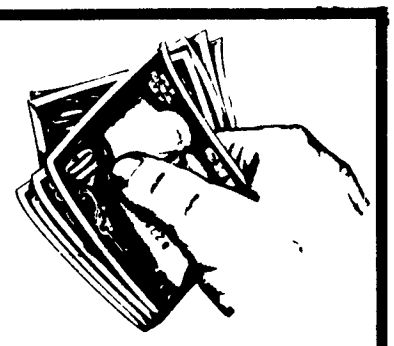

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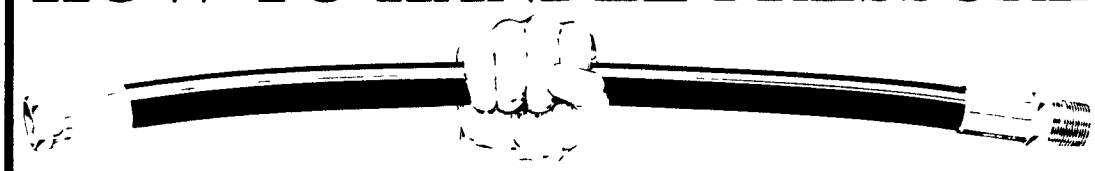

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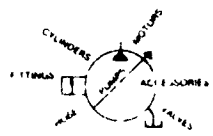

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Howard Co. 4-H Members Showered With Awards At Achievement Night

ELLIOTT CITY, Md. – Suspense, anticipation, and broad smiles of delight were shared at the 58th Annual 4-H Achievement Night held recently at Mt. Hebron High School.

The Achievement Night awards program is the time when recognition is given to 4-H club members for outstanding, individual achievement in a project area. Presenting the awards were 4-H agents Martin Hamilton and Hope Jackson. They were assisted by Vernon Gray and Liz Bobo, County Council members, William E. Eakle, Company executive, and Dr. Eleanor Young, associate director, Extension Home Economics/4-H.

Award areas and winners included

Agriculture
Rob Mauphin Charles Bowman Matt Drummond Bill Langenfelder

Beef
Sheryl Bennett Mark Moxley Gene Turner Tim Clark Chris Mullinix Jennifer Turner Chris Wolbert Chuck Hommey Cindy Halterman

Clothing
Jennifer Brewer Teresa Cline Nicole Plenge Julie Stanton Lisa Greisman Amy Jeffries Missy Grim Faye Carter

Commodity Marketing
Karen Fleishell Jennifer Fleishell Jennifer Langenfelder Matt Iager

Conservation of Natural Resources
Andrew Larimore Nicole Plenge

Dairy
Matt Iager Noel Alden Rhonda Patrick James Wotthlie

Dairy Foods
Dawn Crum Dawn Knill Rhonda Patrick Missy Brewer

Entomology
Brian Alderson Tony Kilgore

Food & Nutrition
Carol Hodiak Missy Grim Rebecca Brannon Carol White Jennifer Kilgore Laura Stull Deborah West Kate Brinker Nicole Plenge Beth Alderson

Food Preservation
Missy Brewer Carol Ewell Teresa Cline Roy Webb Jennifer Fleishell Kathy Hoeck

Dairy Goats
Tanya Iager Jason Keplinger

Horse & Pony
Bird Mobberley Tina Gray Lisa Greisman Amy Frederick Adrianne Buschling Charlotte Dunigan Richard Novotny Jenny Olson Kate Sill Jenny Walk

Horticulture
Michael Bowman Matthew Murray Mark Iager Beth Hoeck Lisa Randers James Combs Matt Iager Kristen Langenfelder

Poultry
Phillip Thorne Chris Keplinger Sarah Ramirez Jason Keplinger

Rabbits
Jennifer Fleishell Chris Regnier Jennifer Brewer Leslie Clary

Sheep
Mike Howell Jim Widmaier Karen Fleishell Leslie Clary Kristen Turner Jared Bouma Daryl Dunigan Cathy Carpenter

Swine
Bill Langenfelder Kristen Langenfelder David Peddicord Jason Hough Randy Mullinix Eric Widmaier Johnny Smith Jason Spicer

Special emphasis is placed on the selection of record books in the areas of citizenship, leadership, and achievement. Citizenship winners have demonstrated they have been active in a variety of citizenship projects. This year's citizenship winners were Gene Turner, Katie Norman, Missy Brewer, and Marcia Novotny.

Leadership winners have developed and shared their leadership talents, which is one of the primary goals of the 4-H program. This is accomplished through training and participation in a wide variety of activities. The winners were Marcia Novotny, Missy Brewer, Sheryl Bennett, and Noel Alden.

Achievement winners demonstrate "The Sum of the Part Equals the Whole." They have made significant contributions to our 4-H program, clearly demonstrate 4-H spirit, and have been highly successful in their chosen projects. They have accumulated 40 years of involvement, served on 426 committees, and carried a total of 43 projects. The Achievement winners were Missy Brewer, Jennifer Langenfelder, Carol Hodiak, and Marcia Novotny.

Judging team and contest awards included:

Dairy Judging
Rhonda Patrick Matt Iager Susan Kelly Amy Brown Mark Iager Dawn Crum J W Wotthlie Kathy Wotthlie

Dairy Bowl
Matt Iager Susan Kelly Rhonda Patrick Paaul Harrison Amy Brown J W Wotthlie Kathy Wotthlie Mark Iager Tanya Iager Shannon Harrison

Horse Judging
Heather Manges Laura Heffelfinger Kate Sill Richard Novotny Tina Gray Missy Brewer Mike Gatty

Horse Bowl
Tanja Ilves Suzanne Rivers Sara Taggart Stacy Hill Melissa Lloyd Heather Manges Lynn Day Laura Heffelfinger

Horse Jamboree
Hippology Contest Charlotte Dunigan Demonstration Contest Stacy Hill Tanja Ilves Horsemanship Adrianne Buschling

Horse Grooming Contest
Carrie Olson Rhonda McGee Adrianne Buschling Stephanie Scoville

Livestock Judging
Mike Howell Jim Widmaier Bill Langenfelder Lisa Randers Kristen Langenfelder Jeanne Howell Chris Mullinix Randy Mullinix

County Public Speaking Contest
Christine Beck Jason Spicer Beth Alderson Jenny Fenner Missy Brewer Tina Gray

County Fashion Revue
Deborah West Christine Beck Madeline Beck Brad Miller Cheryl Seymour Jessica Pipitone Kara Hamer Jennifer Brewer Kelley Warren Kristi Hunt Beth Alderson Karen Piersol Laura Stull Lisa Greisman Rebecca Brannon Teresa Cline Dawn Miller Alicia Loar Donna Shockley Meredith Melick Lesa Ferris Jenny Rogers Michelle Boulay

Special awards and ceremonies included in the Achievement Night ceremony were:

• **Elsie Cavey Memorial Awards-** These are sponsored by the Howard County 4-H All Stars in memory of Mrs. Elsie Cavey who was 4-H secretary in the county for almost 20 years. They are awards for outstanding junior record keeping and the winners were Jennifer Brewer, Teresa Cline, Jason Hough, and Chris Mullinix.

• **Bea Pfefferkorn Memorial Award-** Two $100 4-H senior record keeping awards are given in memory of Bea Pfefferkorn, former 4-H leader. Selection is based on overall participation in 4-H using 4-H record books as the basis for evaluation. This year's winners included Missy Brewer and Lisa Greisman.

• **Pomona Grange Awards-** Each year the Pomona Grange presents an awards to two outstanding 4-H'ers from Howard County. These awards are based on leadership and community service and the winners were Missy Brewer and Noel Alden.

• **Farm Credit Awards-** Each year the Upper Chesapeake Farm Credit Association presents awards to a 4-H boy and girl who have kept outstanding records and have been in 4-H three years or less. This year's award winners were Randy Mullinix and Beth Alderson. Certificates of recognition were also given to Mike Bowman, Jason Hough, Rebecca Brannon, and Nicole Plenge.

• **Key Award-** The Md. 4-H Key Award is sponsored by the Md. Agricultural Fair Board. The purpose of the award is to provide special recognition to 4-H club members for achievements. The winners were Tina Gray and Jennifer Fleishell.

• **Horse Performance Levels-** This program involves a series of six graduated, educational levels that test all aspects of the 4-H'ers knowledge of horses. Missy Brewer has achieved level six this year, the highest level a 4-H'er can complete.

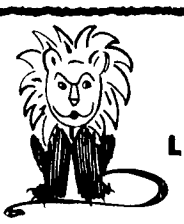
Md. 4-H Foundation Club Campaign- Each year the Md. 4-H Foundation conducts a fund raising campaign with 4-H clubs throughout Maryland. Last year $4,650 was raised statewide and of this amount $2,980, or 64 percent, was contributed by Howard County 4-H Clubs. They were: Spur & Stirrup, Centaurs, Dairy Ag., Feather and Fur. Hare Raisers West Friendship, Dayton, Big H, and Poplar.

• **4-H International Programs-** This summer Howard County 4-H families hosted five "IFYE's" and they are recognized for their contribution to international education. They were the Grant Hill Family, the John Fleishell Family, the Dutch Langenfelder Family, and Martin Hamilton.

Maryland state record book winners were recognized: Missy Brewer, Rob Maupin, Sheryl Bennett, Mark Moxley, Karen Fleishell, Robin Stanton, Tanja Ilves, Stacy Hill, Carol Hodiak, Tina Gray, Roy Webb, Phillip Thorne, Jennifer Fleishell, Mike Howell, Bill Langenfelder.

On the basis of their record books and personal interview, six of these 4-H'ers were awarded trips to National 4-H Congress in Chicago in December. This is the highlight of one's 4-H career. Our 1986 award winners to National 4-H Club Congress include Sheryl Bennett, Carol Hodiak, Rob Maupin, Jennifer Fleishell, Roy Webb, and Bill Langenfelder.

The Howard County 4-H Clovers are a special part of our 4-H program. It is an introductory program for 6 and 7 year olds. Thirty Clovers submitted record books and were recognized.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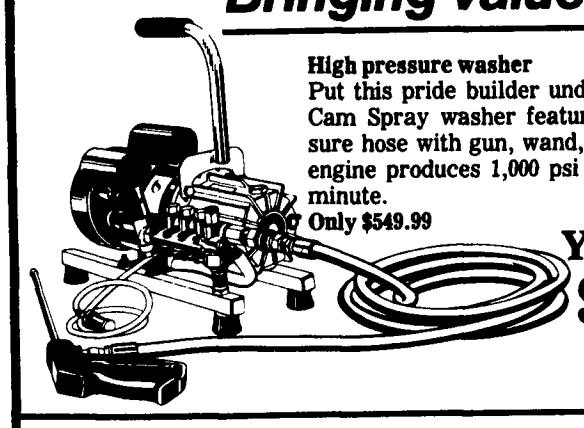

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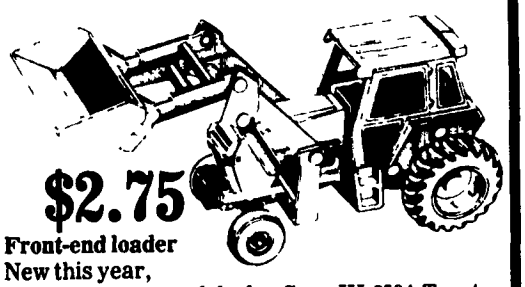

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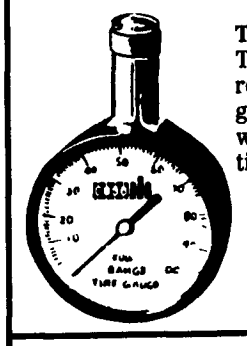

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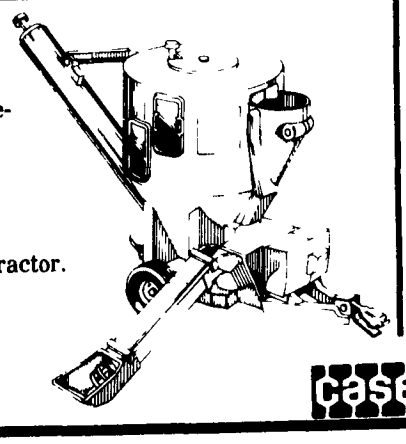

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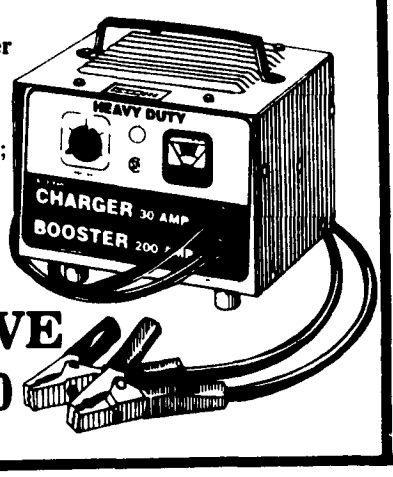

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First Families Observe Yule In Blaze Of Seasonal Color

WASHINGTON – "I am an ardent believer in the duty we owe ourselves as Christians, to make merry for children at Christmas time, and we shall have an old-fashioned Christmas tree for the grandchildren upstairs," President Benjamin Harrison told a New York journalist in 1891.

Christmas is the quintessential family celebration, and presidents before and after Harrison have gone to great lengths to clear their calendars of official duties so that they can devote the day to their "First Families."

In 1801, for the first Christmas celebrated in the White House, President John Adam's wife, Abigail, burned 20 cords of wood in a vain attempt to dry the damp plaster and warm the building for a party for the few congressmen and their wives who stayed in the new capital.

Jefferson's Own Goose

Thomas Jefferson's two daughters and their husbands came to Christmas parties at the mansion, bringing his six grandchildren. Jefferson was so pleased in 1805 that he walked to the market to personally pick out a goose for dinner, then played his violin after the evening meal.

James and Dolly Madison had their share of gala social events, but spent the Christmas of 1814 in a somber mood. Members of their family could not make it to Washington because of the weather, and the Madisons were living in the nearby Octagon House because the British had burned the White House earlier in the year.

But Christmas 1817 was especially festive for President James Monroe's daughter Maria, then 16. She met her future husband at that year's White House celebration.

Like Jefferson's Christmases, Andrew Jackson's were enlivened by his grandchildren and their friends. At one party, guests were delighted by Vice President Martin Van Buren, standing on one leg and gobbling like a turkey as part of a game. "Here I stand all ragged and dirty; if you don't kiss me, I'll run like a turkey," he sang.

Christmas spirits vary with the President. John Tyler's sister-in-law wrote of Christmas 1844, "We commenced the day with eggnog and concluded with apple toddy." But James Polk's niece said that Christmas 1846 "was a quiet day, as everyone goes to church."

Abraham Lincoln signed a Christmas pardon for a White House turkey after a tearful request from his son Tad. He also overruled White House aides and agreed to Tad's request to invite a number of Washington street urchins into the decorated mansion.

'Present' of Savannah

Lincoln received an unusual present in the Civil-War year of 1864, when Gen. William T. Sherman sent a telegraph message: "I beg to present you, as a Christmas gift, the city of Savannah, with 150 guns of ammunition, also about 25,000 bales of cotton."

White House carpenters built an elaborate Victorian doll house as a Christmas gift for Fanny Hayes, the daughter of President Rutherford B. Hayes. The first presidential Christmas tree was put up by Benjamin Harrison.

"After breakfast, we lighted the tree," wrote Harrison's daughter, Mrs. James McKee, in an 1889 Christmas letter, "and I do wish you could have seen Benjamin and Mary (her young children) as we took them in the room."

Theodore Roosevelt's children overrode the wishes of their conservationist father, obtained and decorated a Christmas tree, and apparently won his forgiveness.

"There was a surprise for me,

(Turn to Page B11)

Lou Henry Hoover, second from right, wife of President Herbert Hoover, and daughter-in-law Margaret, right, help Santa Claus distribute presents to Washington youngsters on the day before Christmas, 1931. Santa Claus and decorated trees, cards and gifts and family get-togethers — all the traditions of the holiday season in ordinary American homes have been part of Christmas celebrations in the White House over the years.

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4.	DK. GREY	9.	LT. BLUE
5.	BROWN	10.	LT. GREEN

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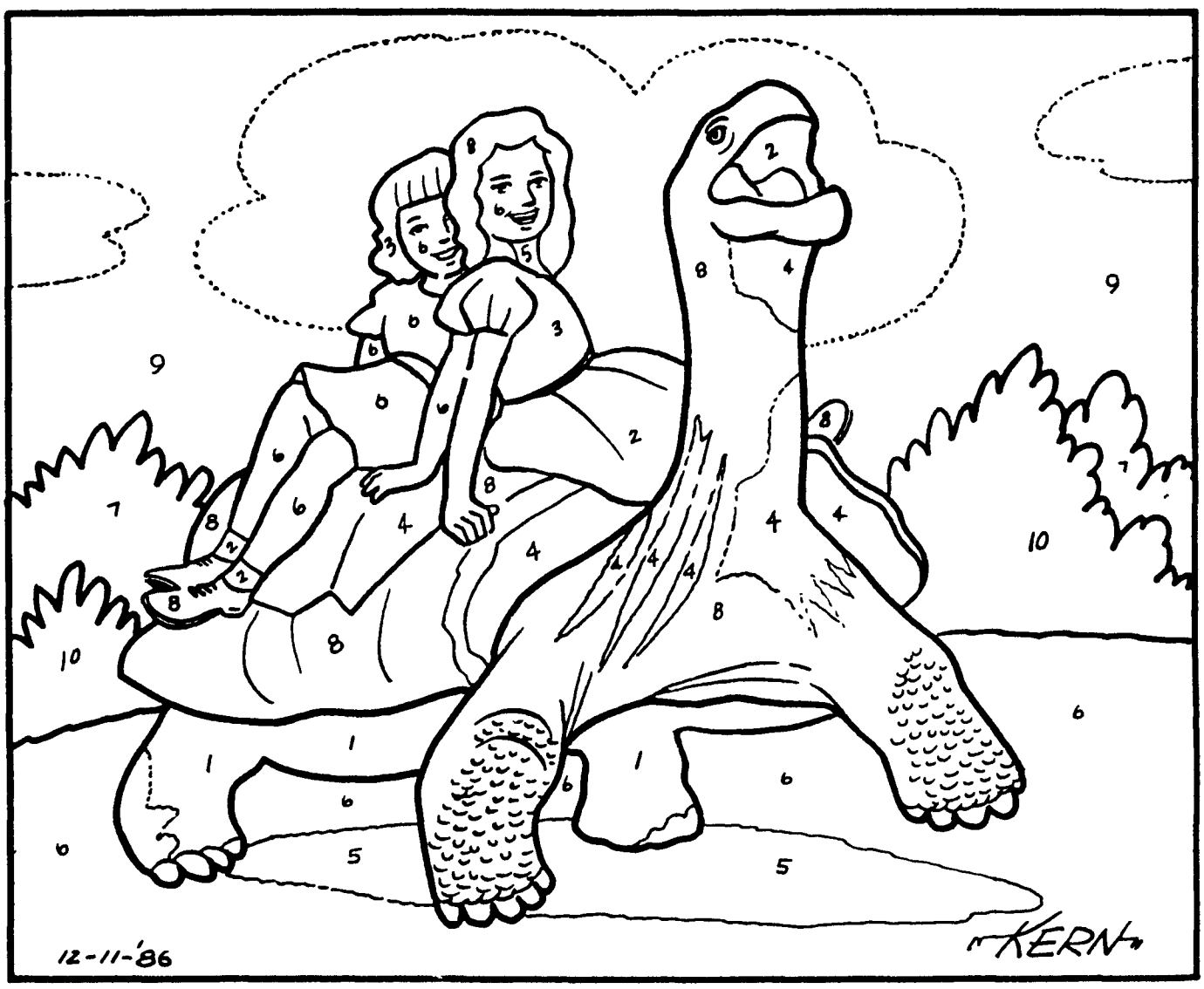

First Families Celebrate Christmas

(Continued from Page B10)

and also for their good mother, for Archie had a little Christmas tree of his own...and each of us got a present off of it," Roosevelt wrote in a letter. "Quentin had a perfectly delightful electric train."

Roosevelt's cousin, President Franklin D. Roosevelt, maintained a tradition of festive Christmases. After dinner, he would gather the family and read Dicken's "A Christmas Carol." His son John recalled, "Father was the meanest Scrooge you ever heard."

FDR's predecessor, Herbert Hoover, invited some Girl Scouts to the White House to sing Christmas carols. After the 1929 celebration, as the family ate dinner, word came that the west wing of the mansion was on fire. Mrs. Hoover read stories to the grandchildren as her husband and his cabinet watched firemen battle the blaze.

Harry and Bess Truman usually spent Christmas at home in Missouri, as Ronald and Nancy Reagan do in California. The Trumans had the White House kitchen staff prepare Christmas dinners for two needy Washington families without telling anyone.

Mamie's 26 Trees

Dwight and Mamie Eisenhower, in contrast, spent every Christmas at the White House with their grandchildren, and Mamie celebrated the holiday to the fullest, one year placing 26 trees around the mansion's interior.

Christmas can be more poignant than usual at the White House if the outside world intrudes. Franklin Roosevelt's 1941 Christmas came just weeks after the bombing of Pearl Harbor; ignoring security officials' entreaties, he violated the blackout and lighted Washington's community Christmas tree on the White House grounds.

On Dec. 23, 1963, the day the official mourning period for the assassinated John F. Kennedy ended, President Lyndon B. Johnson invited members of Congress and their wives to a Christmas reception. Carpenters and electricians took down the mourning crepe, flowers and poinsettias went up, and a tree was set in place.

"Downstairs the Christmas decorations are up," Lady Bird Johnson wrote during a later White House Christmas season.

'Needle Test' Yule Tree Before Buying

UNIVERSITY PARK – Putting your Christmas tree to the "needle test" on the tree lot may save you from buying one that will turn yellow before the holiday festivities are over.

James Finley, a forestry resources specialist at Penn State, says a simple check can tell you whether the tree you're looking at is freshly cut. "The easiest and first thing you ought to do is select a needle off of the tree," he says. "Take that needle and put it between your forefinger and thumb, and flex it. It should have some resiliency to it. It should bend and spring back.

"If it doesn't or if it feels very stiff, you may not be looking at the freshest tree."

The second test you can try is picking the tree up and gently bumping it against the ground. "Some needles should fall off that tree. Expect a few to come off," Finley says. "But, if there's a cascade of needles, certainly you are not looking at a fresh tree."

He also warns against getting carried away and carting home a tree that's too big for its new location, which in most cases is the corner of a room. The tree doesn't have to be perfect on all sides, since a large section of it will probably face a wall, he says.

Once you've brought your tree home, cut an inch or two off of the bottom of the trunk and store it in a bucket of water where it won't freeze, such as in a garage.

When you're ready to bring it into the house, make another fresh cut on it. This will allow the tree to absorb water.

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F.W.S. Calendar

Saturday, December 13

Lancaster Society 7 meets at the home of Evelyn Martin for a program on China by Kathleen Ranck.

Lancaster Society 25 meets for a family Christmas party at 6:30 p.m. at Wengers.

Lancaster Society 2 meets at Margarita's home to make fruit baskets.

Lancaster Society 20 meets for a Christmas party at 6:30 p.m.

Lancaster Society 18 meets at 1:30 p.m. for a Christmas program.

Lancaster Society 19 takes a trip to Longwood Gardens.

Monday, December 15

Lancaster Society 31 meets at 7:30 p.m.

Lancaster Society 34 meets for a Christmas program.

Tuesday, December 16

Lancaster Society 27 meets at 7 p.m. at Heatherbank Nursing Home.

Thursday, December 18

Lancaster Society 26 meets for a surprise by the program committee.

Lancaster Society 11 meets for a program by Benny Kreider.

Saturday, December 20

Lancaster Society 3 meets for music by Allegra and Evelyn and a dialogue titled "Three Women of Bethlehem."

Farm Women Societies

Lancaster Society 10

Members of Lancaster Society 10 met recently at Joe Myers Restaurant for their annual Christmas party. All 15 members attending participated in devotions, which pertained to the meaning of Christmas.

Members agreed to send a $95 check to Christ's Home. The Society lost member Mary Stewart, who was a guest at the Landis Homes. The society is sending a $10 check to the home to purchase a book in her memory.

All members signed cards for three members who did not attend the party.

Several members are planning to attend the state convention, which will be held Jan. 12 and 13 in Harrisburg.

Poinsettias were presented to Suie Dietrick and Nancy Starr, and one will be taken to Mary Getz.

The next meeting will be held at the home of Mary McGrann.

Berks Group 1

Members of Berks Group 1 met recently at the home of Neoma Howard. Members finalized plans for the Christmas party on Dec. 10 for members and their husbands at Pleasantville Diner.

Members made a monetary gift to Hamburgh State School.

The Sunshine committee will deliver fruit baskets to shut-ins.

Following the business meeting, members enjoyed a sing along and were accompanied by Neoma Howard at the piano.

New Castle Co. Extension Offers Home Ec Scholarship

NEWARK, Del. – New Castle County Extension Clubs are offering a scholarship to a New Castle County resident who will enter the University of Delaware as a major in one of the programs offered in the College of Human Resources.

The college offers degrees in food science; dietetics; textiles, design and consumer economics; individual and family studies; and home economics education. The deadline for applying for this $500 scholarship is March 1, 1987.

Recipients of the scholarship have the option to reapply for this financial assitance throughout their college career. For more information about this scholarship, contact your school guidance counselor, home economics teachers, or call the Cooperative Extension at 451-1239.

Here's a hint: spoonfuls of whipped cream can be frozen for an on-hand garnish. Spoon whipped cream onto waxed paper or pipe it through a pastry tube into decorative shapes; freeze. Remove frozen whipped cream from paper and store in plastic container in the freezer. Use to top hot chocolate, soups, desserts or to decorate eggnog and milk-based punches.

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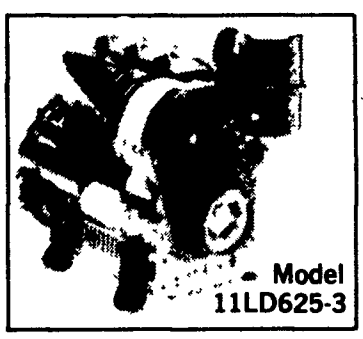

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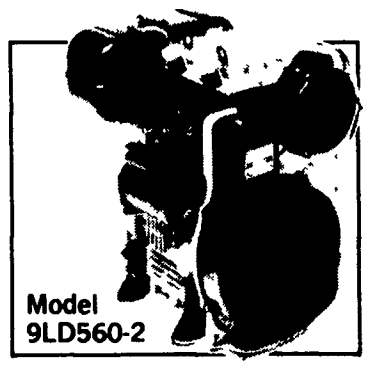

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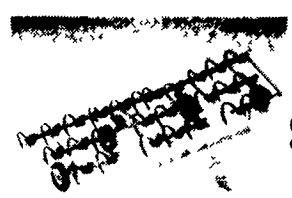
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On being a farm wife - And other hazards

Joyce Bupp

"A desk is more than just a place to work."

That newspaper headline recently grabbed my attention — it hit so close to home. Really close to home, since the desk at which I spend so many hours is dead-center between the front door and the kitchen refrigerator.

We're talking Grand Central Station here, folks. Indeed, some days it seems the desk is more like the Control Tower. From here we field calls ranging from supply salespeople to alert neighbors spotting a heifer in a suspicious spot. Chat with friends and business associates. Place orders. Schedule farm chores. Discuss cattle breeding decisions. Visit with kids after school. Plan meals. File. Post to accounts. And write copy.

This desk is a strictly utilitaritarian, gray metal, generic type. The one concession to comfort after twenty years is a cushioned chair, acquired to support a sagging back. Its rolling legs only occasionally demolish a bare toe, an incidence guaranteed to temporarily eliminate any other nagging frustrations in one's life.

But a desk is really part of a person. Sort of like a woman's handbag. A capsule of a lifestyle.

Within the last year, this desk underwent a lifestyle change which has taken some adjustment. Adding my computer snatched most of the writing and "paper pile" space, leaving little room for the stacks of "immediate," "as soon as possible," and "might need someday" papers, clippings, letters, dairy herd information, sire promotional materials, personal notes, meaningful cartoons, and totally unrelated items of passing interest.

There is room for only one paper pile on this desk. Imagine. One paper pile. That doesn't count, of course, what gets shuffled to the printer table or temporarily filed on the deacon's bench an arm's length away.

Taking up one corner is the mandatory telephone. Beneath it are the directories, which household members use as graffiti boards while holding lengthy conversations, usually when I need to work at the same spot.

A stapler has been relocated on top of the computer's space-robbing line filter, and the orange mug pencil holder keeps handy an assortment of pens which skip, dull-pointed pencils and dried-up markers. (I hide my favorite fine-pointed, non-skip pens, which make unscheduled journeys to the barn desk or classroom settings — and from which they never return.)

Buried in the desk's interior is an assortment of traditional office-type items, like rubber bands, paper clips, lost pennies, one nearly-useless, six-cent stamp, 1971 organizational membership cards, two wooden rulers with wavy, nicked edges and 69 more ballpoint pen rejects.

Now, office designers are promoting a new style of desk, a sort of half-circle affair which wraps around the desk user. It promises space on three sides for both the almost-obligatory computer hardware and software storage, plus — hot diggety — adequate room for paper piles.

One minor problem. A sprawling semi-circle desk wouldn't begin to fit my small, rectangular Control Tower office. No one would be able to make the mad dash in the well-worn groove from the front door to the refrigerator.

Plus, I don't think this square peg desk user should try to fit into the round hole of a circular desk. With all that space, think how many more paper piles we'd have to climb over every day.

A desk may be more than just a place to work. But who needs one as a landfill?

The Holiday Blues: A Yuletide Myth

COLLEGE PARK, Md. — You won't find a mental-health warning from the Surgeon General on Christmas cards.

But every year between Thanksgiving and January, the press trumpets gloomy tidings from psychiatrists and psychologists linking the holidays to a national rise in depression. According to a growing number of experts, however, this holiday hand-wringing is a classic case of much ado about nothing.

"The notion that the holidays are an especially depressing time for millions of people is treated as if it were scientific fact," says Billie Frazier, a specialist in human development with the University of Maryland Cooperative Extension Service. "But the so-called 'Christmas blues' appear to be an invented malady."

Consider:

• Magazines and tabloids regularly report an increase in suicides and suicide attempts during the holidays. But data collected by the National Center for Health Statistics between 1950 and 1978 reveal that fewer people attempt suicide in December than in any other month. The greatest number of suicides actually occur in April.

• Similary, the typical surge in admissions to mental hospitals occurs in the summer — not the winter.

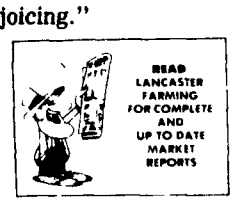
Says Frazier: "Clearly, the holidays do not lead to an outbreak of serious depression or mental illness."

The real outbreak may be one of journalistic excess, says Frazier. Mentioned briefly in psychoanalytic journals in the 1940s and 1950s, the idea of holiday blues first made headlines in 1967.

Frazier explains: "That was the year the **New York Times Magazine** reported that the holidays are a time of forced festivities and overinflated expectations — a scenario that sets the stage for depression."

Legitimized by the **Times**, the notion rapidly gained acceptance — among mental health professionals and the unsuspecting public.

Frazier stresses: "The irony is that for most of us, the holidays really are a time for celebrating and rejoicing."



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THE MICRO WAY

LANI BLOOMER

Gifts for a Microwave Owner!

With Christmas just around the corner, many of us are looking for gifts right now. If your friends or relatives own microwaves, you've got many possibilities for gifts.

Here are some suggestions to help you pick the best and most useful items. If some of these suggestions are gifts you'd like for yourself, clip today's column, circle the things you want, and leave it for Santa to find!

If a new cookbook would be appreciated, there are two microwave cookbooks I recommend:

The first is a super new cookbook: Mastering Microwave Cookery, by Marcia Cone and Thelma Snyder. A hardbound published this year by Simon and Schuster, it costs about $20.

Cone and Snyder's book is for someone who loves to cook from scratch and is the best microwave cookbook I've seen. It has basic techniques explained clearly, along with easy to remember Rules of Thumb. (And even though I giggled at the page full of little thumb pictures, they represent a good alternative to a scale for determining cooking time!)

The charts and directions are easy to follow, and the recipes I've tried have been delicious. One unique feature is that the authors tell you what to do with the food if you should accidentally overcook it! Mastering Microwave Cookery will be the "Joy of Cooking" for the microwave generation.

If $20, is beyond your budget or your microwaving friend doesn't cook from scratch, Barbara Harris' book, Let's Cook Microwave, 3rd edition, is another great microwave cookbook. This paperback has been called the microwaver's "Bible," and is about $8 in the spiral bound paperback edition. It too has an easy-to-understand "basics" chapter, charts, and good family recipes.

Harris' book may be hard to find, though. Some bookstores carry it as do some stores selling microwaves.

If you can't find it in your area, it can be ordered through the mail from Microwave & More (see below).

If you are buying microwave utensils, here are a few pointers to help your selection:

— Keep family and microwave size in mind. Some utensils are too high for the very small microwaves.

— Glass utensils are easier to clean than the plastics, but are heavier and break more easily.

— Plastics coated with the Silverstone(R) nonstick finish are easy to clean. This finish adds $2 to $3 to the price of the item, but is well worth the cost.

— When serving food, glass utensils keep food warmer longer than the thinner plastic containers. There are better quality, heavier plastics available now that retain heat well.

— Some glass items can't be stacked for storage, so would require lots of storage space.

Here are a few utensils that are worth their weight in gold:

— **Meat Rack** (also called a roasting or bacon rack) is a very useful microwave item. These racks are used for reheating foods (to keep the bottom from getting soggy) as well as microwaving meats. When buying a meat rack, look for a rack that separates from the container it fits into. This kind is much easier to clean than the racks with a built-in drain.

— **The "Cook and Measure Bowls"** are measuring cups with lids, and come in many sizes. They are microwave saucepans, used for scrambled eggs, puddings, sauces, gravy, melting butter, etc. Make sure the markings are easy to read!

— Plastic microwave cake pans release the cakes more easily than glass pans. **Plastic bundt pans** are readily available, and are the easiest way to microwave a cake. Look for the 12-cup size; it holds any two-layer cake.

However, **plastic 9-inch round cake pans** are almost impossible to find! These have higher sides than the glass pans, so cakes (which rise more in the microwave) don't run over. These can be mail-ordered from Microwave and More (see below).

— **Browning Grills** or griddles lead the list of gifts that aren't used much, according to those attending my classes! These "microwave frying pans" are good for small portions, and work best at reheating convenience foods such as frozen fries, fish sticks, and pizza. Hamburgers, sandwiches, one or two eggs also cook well. Large steaks and chops are not as good as when cooked conventionally.

One of these might be a good gift for a single person, or a hollow-legged teenager! If you're going to get one, look for one with a spatter cover. Check on cleanup too: one brand griddle cannot be immersed in water for washing, while other brands are dishwasher safe!

If you can't find the microwave accessories you want in your area, a good alternative source is the mail order firm, Microwave and More, 961 Lyell Avenue, Rochester, N.Y. 14606. Send $1 for a year's worth of catalogs. Placing an order entitles you to the catalogs and their bimonthly newsletter, free.

To order the cookbook, **Let's Cook Microwave,** send check or money order for $7.95 plus $2.50 for postage and handling.

To order a set of two 9-inch round plastic cake pans, send a check or money order for $8.98 plus $2.50 postage and handling.

One last suggestion is a subscription to **Lancaster Farming,** so your friend can read "The Micro Way" each week!

To order a subscription, send name and address, along with a check for $8.50 per year or $15 for two years in PA, MD, DE, NJ, NY, VA and WV. All other areas - $15 per year, $26 for two years. Payment must accompany order. Allow three weeks for delivery.

Happy shopping.

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Gifts Of Food Symbolize Sharing

PITTSBURGH — Thoughts of the holiday season include food, gifts, and eating. Putting these together and adding nutrition can make shopping easier and the gift more meaningful.

Judy Dodd, a registered dietitian with Dairy & Nutrition Council, suggests that gifts of food symbolize sharing. Food gifts are usually treasured, especially when the food is homemade. We often think of older adults and shut-ins but don't forget about the working adult and single parent family. Such gifts appeal to persons who might not have the time, energy, or skill.

If you are not a kitchen wizard, you can purchase specialty food items and kitchen utensils. Even the supermarket will yield a variety of foods with special appeal during the holiday season.

Here are some ideas as starters. Remember, many food gifts require refrigeration before and after delivery. These are the kind of gifts to deliver in person!

• Folding vegetable steamer - These handy items fit in a pot and are a healthful way to prepare vegetables and fruits. Find these in kitchen utensil sections of department and variety stores. Fill them with an assortment of fresh vegetables and a steamer cookbook.

• Low Fat Cheeses - For the person looking for these items, such a gift is a welcomed addition. Most supermarkets and all chesse specialty stores carry several varieties. Add a cheese board, cutter, and some whole grain crackers.

• Exotic Fruits - Kiwi, mango, papaya, and starfruit are just a few of the interesting items in the produce section. Package these in a microwave safe storage bowl.

• Dib and more - Some yogurt, herbs, and your favorite dip recipe along with some low salt corn chips and a bottle of non-alcoholic sparkling grape juice makes an instant party. Add some fancy throw away cups and napkins.

• Homemade...soups, breads, cookies - Hearty creamed soups frozen in individual containers make a great gift that can last into the new year. Individual loaves of yeast or quick breads including specialty breads such as oatmeal, banana whole-wheat, and eight-grain. Add some sweet butter or whipped cream cheese for a special added treat. And of course, what holiday season is complete without cookies? Package food gifts ready for the freezer, wrapped and labeled.

• Pot full of health - A non-stick pan or a microwave safe dish loaded with such items as low-salt seasoned mixes, a large shaker and herbs and spices is a good starter gift. Add a cookbook for fun. Many cookbooks offer recipes for herb mixes to make at home for the do-it-your-selfer.

• Meals-to-go - For the ambitious cook or those short on time, why not offer a gift certificate for several meals throughout the year? Older adults, the single parent, almost anyone would appreciate the promise of dinner or a special treat delivered sometime in the future.

Some final thoughts on gifts of food. Remember to wrap and label all food gifts. If refrigeration is necessary, make sure this is known. And mark such foods perishable, handle with care

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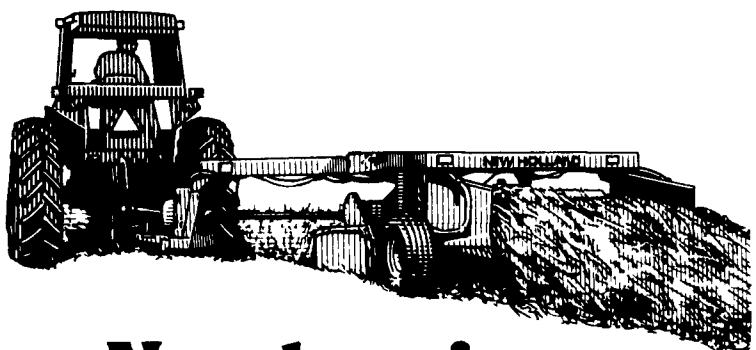

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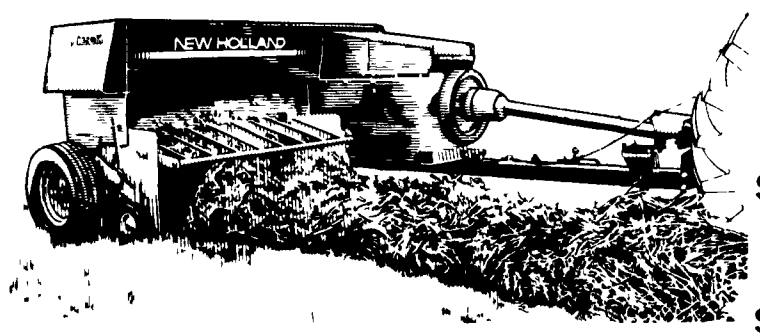

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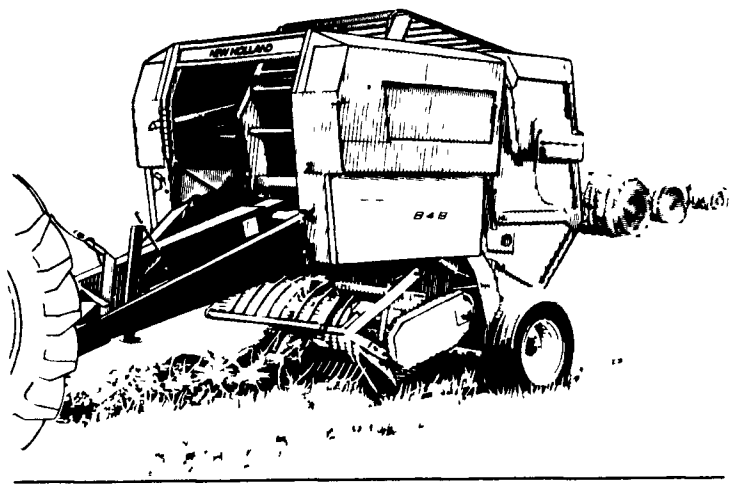

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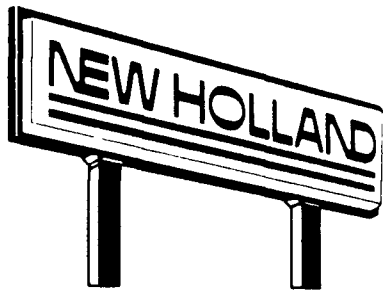


Bell, Bruner Honored As Indiana County 4-H Queen, King

BY BETH NESBIT
Indiana County Correspondent

MARION CENTER - The annual Indiana County 4-H Achievement Night was held recently at Marion Center High School.

The 4-H king and queen competition was the highlight of the evening. Receiving the queen honor was 18-year-old Susan Bell of the Buttons and Bows 4-H Club.

Susan is currently a senior at Blairsville Area Senior High School, where she is a member of the National Honor Society and volleyball team.

Her 4-H activities have included projects in livestock, clothing, food preservation and food and nutrition.

Clark Bruner received the king honor after answering the question, "How would you encourage an adult to become a 4-H leader?" He responded: "I would tell them of the excitement of watching 4-H members grow and learn responsibility."

Clark is a member of the Gordan 4-H Club and is active in the Future Farmers of America at Blairsville Area High School. He enjoys playing softball and participating in various county livestock activities.

Awards were also presented to other 4-H'ers. In the livestock category, Julie Mikesell, a senior member of the Northern Livestock Club, was the Outstanding Senior Livestock Member; Melanie Stewart, a member of the Southern Livestock Club, received the junior livestock award.

The top news reporters of the year were Norma Andrie of the Tractor Club and Nancy Trimble, a junior member of the Southern Dairy Club.

Susan Bell presented Angela Nicholson, a member of the Buttons and Bows 4-H Club, with the Outstanding Foods Member presentation. Susan won the award last year.

Last year's winner of the Outstanding Horse Member Award, Pam Mogle, presented junior members Tina Fedoruk and Desiree Urick and senior members Dave Belford and Pam Ofman with this year's plaque.

The top award winners of the evening were Emily Ross, who received the Outstanding Junior 4-H Member Award, and the royalty from last year and this year, Pam Mogle and Susan Bell, who won the Outstanding Senior 4-H Member Award.

The 1987 Indiana County 4-H King and Queen are Clark Bruner Jr. from the Gordon 4-H Club and Susan Bell, a member of the Buttons and Bows Club.

Biggs Receives National 4-H Scholarship

NEWARK, Del. – Bambi Lynn Biggs, 18, of Felton, Del., has won a $1,000 national 4-H careers scholarship.

The daughter of Mr. and Mrs. Frederick Biggs, she is one of two young people in the United States to be selected for this scholarship. Scholarship recipients can major in any recognized field of study but must have been influenced by 4-H in selecting a career.

A member of 4-H for six years, Biggs was the 1984 state award winner in public speaking, and she attended the National 4-H Congress that year. She is presently a freshman majoring in speech pathology at Wesley College in Dover.

Biggs says she became aware of the field of speech pathology because her brother has a speech problem and her cousin has a hearing loss. At one point her 4-H group had three deaf boys as members as well.

"This was one of my most rewarding experiences—to communicate with them through sign language and body language," Biggs says.

Her other 4-H projects included dog care and training, child care and foods. She also aided younger members with their projects as a junior leader.

The scholarship was announced during the 65th National 4-H Congress in Chicago on Dec. 8.

Bambi Biggs

York Co. 4-H Council

York County 4-H Council members met Dec. 3 at the 4-H Center, Bair. Members selected the committees they will serve on for the coming year. They also discussed the monthly programs for the year.

Helen Horn and Amy Debnam were nominated advisors. Wayne Jacoby, 4-H center board member, said shrubs and bulbs were planted at the center.

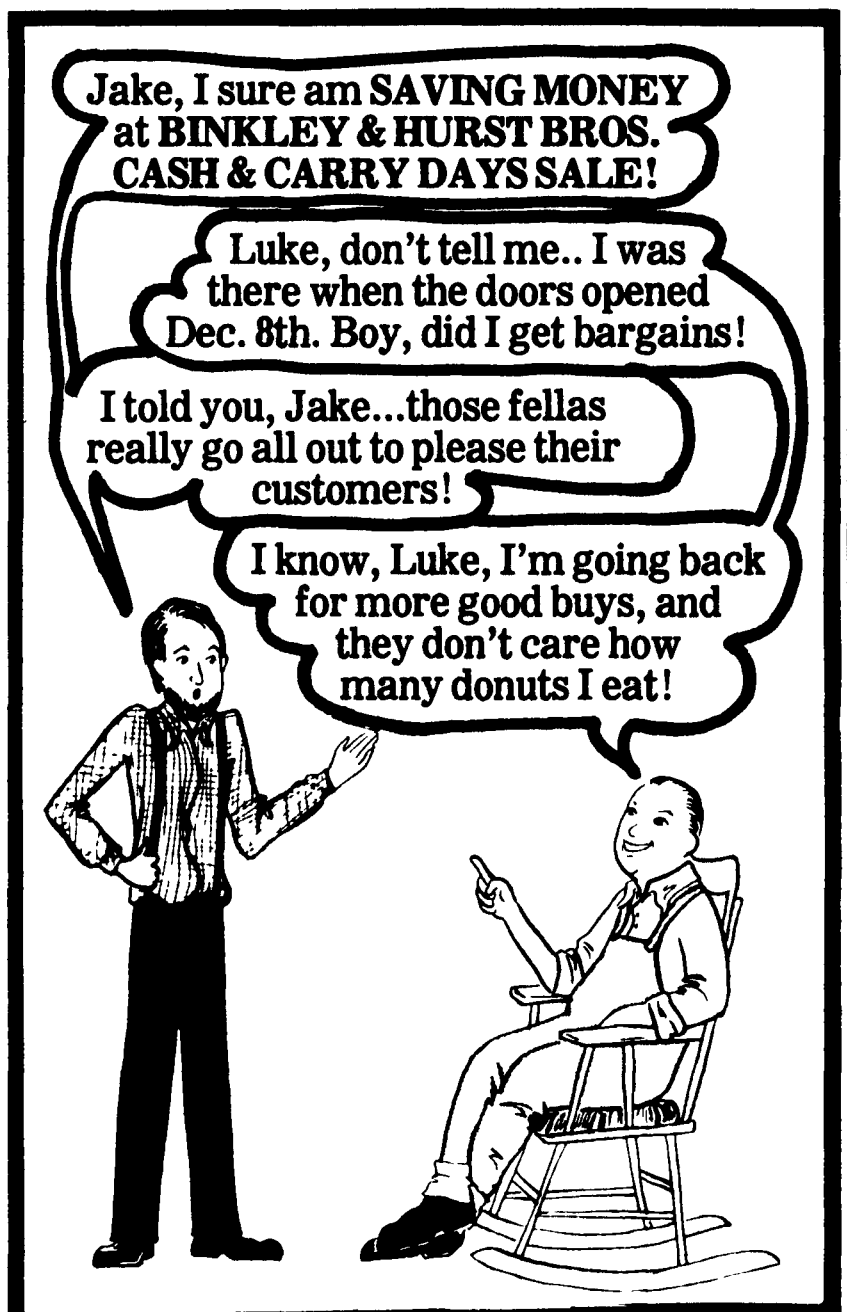
Members decorated the center and made decorations for Christmas.

The next meeting will be held Jan. 7 at 7:30 p.m. at the Center. Bonnie Grimes will speak on self defense.

Garden Spot FFA Citrus Orders

The Garden Spot FFA of Lampeter-Strasburg is accepting orders for their annual citrus sale. FFA members are selling navels, tangelos, hamlins, pink grapefruit, white grapefruit, pineapples, red and yellow delicious apples, Pa. maple syrup, grapes and bananas.

The public may place an order by calling the school at (717) 464-3311. Fruit will be delivered December 15 through 23.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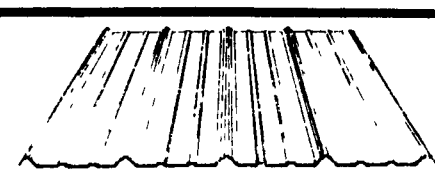

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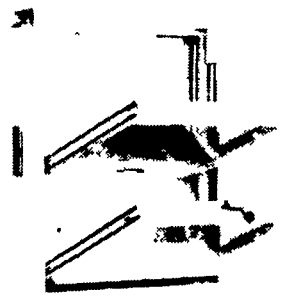

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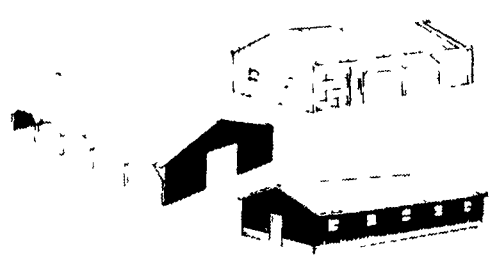

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Have You Heard?

By Doris Thomas

Lancaster Extension Home Economist

How To Choose A Handbag

Handbags are excellent holiday gift choices. There are many sizes and shapes which can be carried throughout the day or season.

When selecting a handbag as a gift, decide whether it is to be an all-purpose type or one for a specific occasion. The style and color might be different.

If the handbag is to be an all-purpose bag, select a color which goes with everything. Camels, tans, and rusts coordinate easily with black, brown, navy, gray or green.

A roomy bag will be welcomed by all women. The opening should be wide enough to easily put articles in or take them out. However, the opening should not be such that the bag would be readily accessible to everyone else.

Check fasteners carefully. The spring-type catches are easily sprung, making the bag likely to fly open. Bags with flaps and fasteners which have to be inserted and turned are more secure. They are difficult to get into on shopping trips, however. Zippers should be easily zipped. Check to make sure zipper teeth work easily.

Handbags with two handles are more balanced. Ball-like feet on the bottom of a rigid box-like bag help preserve the materials from which the bag is made.

Whether the bag is made of leather, vinyl or fabric, quality materials are readily recognizable. A bag with a quality look will be appreciated. Sometimes the lining in a handbag is as attractive as the outer fabric. Inside pockets make safe places for carrying keys, change and other small items.

The personality of the gift recipient should also be considered. A more tailored-type purse would be appropriate for some individuals, while the casual pouch-type bag would be in keeping with the lifestyle of others.

Choose Holiday Foods With Calories In Mind

Some wise choices at holiday meals can significantly reduce your calorie consumption and still allow you to enjoy a traditional meal including appetizer, meat, vegetable and dessert.

For appetizers, serve fresh vegetables with a lowfat yogurt dip. Yogurt has almost twice the protein and calcium, one-twelfth the amount of fat and one-fourth the calories (145 per cup) of sour cream (495 per cup). Add one half package of dehydrated onion soup mix (50 calories) to plain yogurt and you have a delicious dip.

Another nutritious, calorie-wise choice is crackers or apple slices and cheese. Make a cheese ball using Bleu cheese, lowfat cheddar, neufchatel, and plain yogurt rolled in chopped nuts.

Did you realize that commercial eggnog has 340 calories per cup, but a cup of spicy tomato juice has only 35 calories?

If your main course is ham, count a three-ounce serving as 320 calories. Three ounces of white turkey meat has only 150 calories; dark meat 175 calories. Add 75 calories for every three tablespoons of cranberry sauce, or 180 calories for every three tablespoons of gravy. The old favorite, bread stuffing contains about 150 calories per cup.

A baked sweet potato will have 150 calories, while a candied yam will supply 175 calories for every two-inch piece.

For dessert you will save 90 calories and get lots of vitamin A if you choose pumpkin pie (275 calories for each piece of a 7-inch pie cut into sixths) instead of mincemeat.

'Ugly Mix' Chases Christmas Tree Thieves

An "ugly mix," easily concocted at home, can be applied to valuable evergreens to thwart Christmas tree thieves.

According to Dave Tatnall, extension horticulturist, the "ugly mix" was developed and recommended by Cornell Plantations gardener Gerardo Sciarra. The mix can be sprayed or splattered on trees that owners want to protect.

"The rain will gradually wash the 'ugly mix' off," Tatnall says. "It usually takes several weeks to disappear completely. So if you apply it now, your trees should be protected through the holiday season."

To make the "ugly mix," pour two gallons of warm water into a large aluminum container. In a separate container, mix 20 ounces of hydrated lime with 4 ounces of Wilt-Pruf anti-desiccant until a uniform paste is produced. Fold the paste slowly into the water, stirring until the mixture is an even, milky color. Then add two bottles of brightly colored food coloring; red is a good choice. Blend until the mix is a uniform color and spray on evergreen trees.

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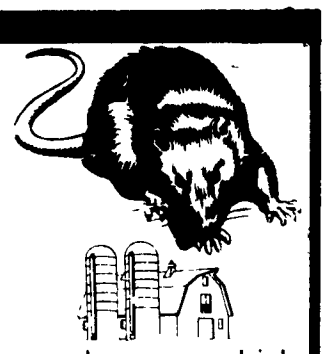

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Holiday Shoppers Find Natural Decorations At Sycamore Springs

BY ROBIN PHILLIPS
Berks County Correspondent

LEESPORT — "The secret is out, as more and more people find their way to Sycamore Springs Farm and Greenhouses," the radio ad announces. Situated along Cross Keys Road off Route 61 just south of Leesport in Berks County, Sycamore Springs Farm is a unique, out-of-the-way shopper's paradise.

Along with the usual shrubbery, potted plants and greens that customers expect to find at a greenhouse, there is a shop filled with hand-crafted gifts, natural decorations and many accents to add to the home. Beside this shop, the bottom part of an old bank barn is filled with dried flowers, grapevine wreaths, baskets and lots of beautiful artistic creations made with natural materials.

Slated by the locals to fail because of its backroad location, Sycamore Springs Farm has proven that rumor false. The country greenhouse and craft haven has enjoyed continual growth since its creation over eight years ago by owners Don and Mary Haldeman.

As the advertisement states, the secret is out and the owners of Sycamore Springs Farm have spent months preparing for Christmas shoppers.

Introducing the fall and upcoming holidays at the farm were acres and acres of pumpkins. In keeping with their tradition of being a family-oriented business, the Haldemans offered free hayrides to the pumpkin patch. Not only families, but school groups and children's organizations enjoyed this novelty as the wagons were loaded over and over again with zealous children anxiously awaiting the opportunity to hand pick their pumpkins.

The Christmas season began at the farm with an open house the last weekend in November. This time, children were treated to a small petting zoo with sheep and goats, while adults made their selections from decorations and unique gifts for the home.

Sycamore Springs celebrates each season with new creations from nature's gifts. "I always wanted to do greenhouses," says Mary Haldeman of their growing business. "We really enjoy it," she adds, explaining that enjoyment is vital since they put in long hours throughout the year.

Don and Mary Haldeman began Sycamore Springs as a produce farm. From a produce farming family, Mary had extensive background in growing produce. Don is a Penn State graduate with a degree in horticulture.

"We started with cantalopes and cauliflower," Mary explained. "Everybody said we couldn't do it back here because it's off the main road."

Because of their location, the Haldemans maintained a roadside stand along busy Route 61 and wholesaled much of the produce to other distributors.

"We got tired of running back and forth," Mary continued. She explained that cauliflower is very labor intensive. It must be planted, irrigated, and harvested at just the right time and must be carefully packaged since it bruises easily. Hiring seasonal help as needed became a problem, so they added a small greenhouse to diversify the business.

At this point, Mary was pregnant with Christopher, now 3 years old, and they were working many nights until 2 or 3 a.m. They decided to drop the produce and to expand the greenhouses to utilize Mary's creative flair with natural materials and Don's knowledge of horticulture. Only the pick-your-own strawberry patch was expanded and the pumpkin patch remained.

"We decided to expand on what we thought people would be interested in at that time," Mary explained. She attributes their success to the novelty of a farm, a small out-of-the-way shop, a "secret place" for unique gifts and naturally made items. "We chose to go the natural route because that's what we like and the kind of clientele we were looking for," she explained.

"I may have the artist's eye for creating," Mary said, "but my husband is very creative as far as marketing goes. We complement each other."

The Haldemans sell many of their products wholesale and because the market is there, they plan to expand. "It's the quality of our goods that customers saw at other establishments," Mary Haldeman said, referring to their success.

But she is also quick to credit very supportive parents and inlaws and a Christian way of life. "We're a close family," she said. "We need Sundays off. Many people do not realize that."

Despite pressure to open, Sycamore Springs remains closed on Sundays. The Haldemans reserve that day for churchgoing and family time with their son and each other, although Mary admits that some summer Sundays are spent watering and busy seasons can be a hassle.

Another factor in their success, Mary says, is quality employees. "I don't care what size you are, but good help that treats the business like their own is great," she explains. A design person was hired this year to help Mary with the original creations and others are hired as needed for the shops and greenhouses. "We've been very fortunate," she says when complimenting Sycamore Springs employees.

Although the Haldemans are busy the entire year with stocking the shops and maintaining the plants in the greenhouses, they also speak at various engagements and hold craft classes at the farm. "I enjoy giving programs," Mary says, "but it takes a lot of preparation time."

She also attends seminars and classes to keep up to date on current items. Through on-farm classes and work with county extension gorups, the Haldemans teach homemakers skills needed in making baskets, stencils, wreaths, signs and floral arrangements.

"We really enjoy it," Mary says of the business. "You wouldn't do it if you wouldn't like it."

Busy preparing original creations for this Christmas season, the Haldemans invite families to browse around their stores. The sheep are still available for the children to enjoy and the central theme of Christmas is ever present in the farm's natural creations.

With a natural flair for creating, Mary Haldeman puts the finishing touches on a holiday centerpiece. Items at Sycamore Springs are made from natural materials that can last from year to year.

Craft classes are held year round at Sycamore Springs farm. Here local homemakers make boxwood wreaths for the holidays.

Filled with colorful poinsettias, the greenhouses are ready for the Christmas season.

The namesakes of the farm are a giant Sycamore tree and a spring at the back of the old stone farmhouse. Mary Haldeman stands at the tree and explains that her father-in-law named the farm because of them.

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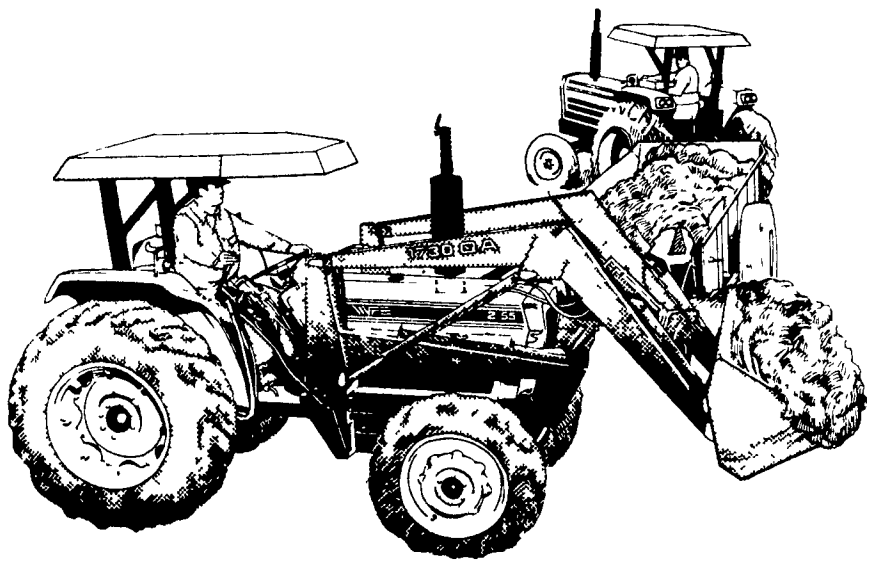

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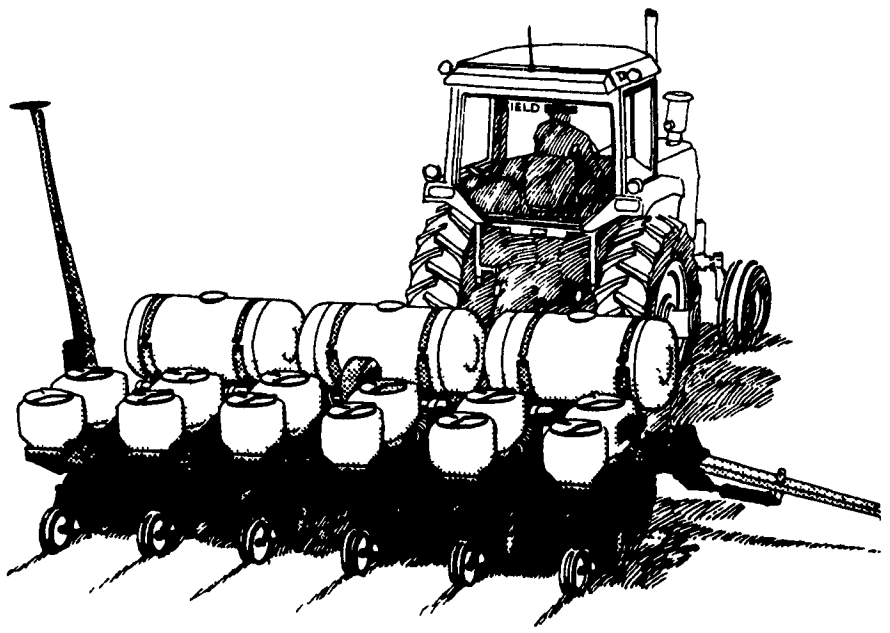

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Barnhart Cops Lebanon County 4-H Dairy Clubs Outstanding Rookie Title

RICHLAND — Lebanon County 4-H dairy club members reaped an abundance of awards for their efforts this past year at the county's annual 4-H dairy awards banquet on Dec. 5.

Glenn Barnhart earned the outstanding rookie award as well as club rookie of the Norlebco Dairy Club. First year members are eligible for this award which is based on project placings at the shows and record book completion.

Danette Nolt of the Elco Dairy Club and Andrew Martin of the Nosoann Dairy Club received the club rookie award of their respective clubs.

The three dairy clubs in the county also designate winners of the best club record book for competition for the outstanding record book in the county. Kynel Bomgardner of the Norlebco Club edged Kathy Mase, Nosoann Club, and Stephanie Wagner, Elco Club, for the top record book honor.

Becky Sonnen won the county competition in the national awards program (blue forms) in the dairy category. Krista Hetrick and Daryl Hackmen also received recognition in this contest.

Mike Kunkle garnered the Susan Heilinger Memorial Award. The award, presented annually to a dairy club member, is based on an individual's goals, achievements and involvement with the total 4-H program.

Mike was the fifth high individual in the dairy judging contest held at the 4-H State Achievement Days this summer. The Lebanon County dairy judging team placed second in the statewide contest. The team included: Dale Balmer, Nelson Bomgardner, Mike Kunkle and Becky Sonnen.

Nelson Bomgardner earned the outstanding dairy judge award for Lebanon County for his judging prowess.

Nancy Huber was honored for achieving the top score in the county in the Hoard's Dairymen judging contest.

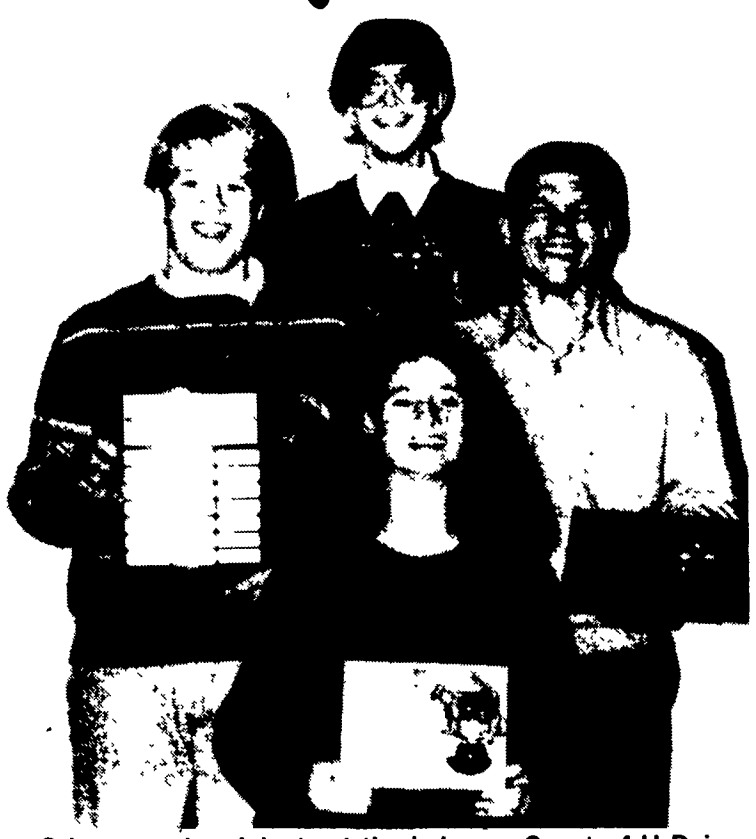
The award for the outstanding member of the county dairy bowl team went to Jonathan Sonnen. Lebanon County's dairy bowl team placed third in at the 4-H State Achievement Days contest held this summer. Members of the award winning team include: Sherry Donmoyer, Dave Lentz, Judy Mase and Jonathan Sonnen.

Dean Nolt received recognition for his first place performance at the Pennsylvania 4-H tractor driving contest this summer.

Also honored were those members whose animals exhibited their projects at the Junior All-American Dairy Show in Harrisburg following successful campaigns at the county and district shows. They are: Laura Harding, Wesley Harding Jr., Charity Hostetter, Thomas Hostetter, Michael Kunkle, Adam Sonnen and Becky Sonnen.

Special recognition was given to the coaches of the county teams. Judging team coaches were John Bomgardner, Alan Hostetter and Daave Smith. Dairy bowl coaches were Sue Werner and Ellen Hansen.

Kathy Mase, left, Kynel Bomgardner and Stephanie Wagner earned best record book honors with Bomgardner claiming the outstanding record book award.



Other award recipients at the Lebanon County 4-H Dairy Club Banquet include, clockwise from bottom, Nancy Huber, Mike Kunkle, Jon Sonnen and Nelson Bomgardner.

Andrew Martin, left, Danette Nolt and Glen Barnhart received club rookie honors at the Lebanon County 4-H Dairy Club Banquet. Barnhart garnered the outstanding rookie title.

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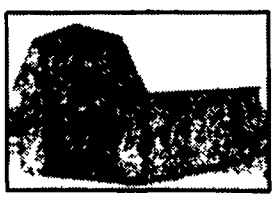

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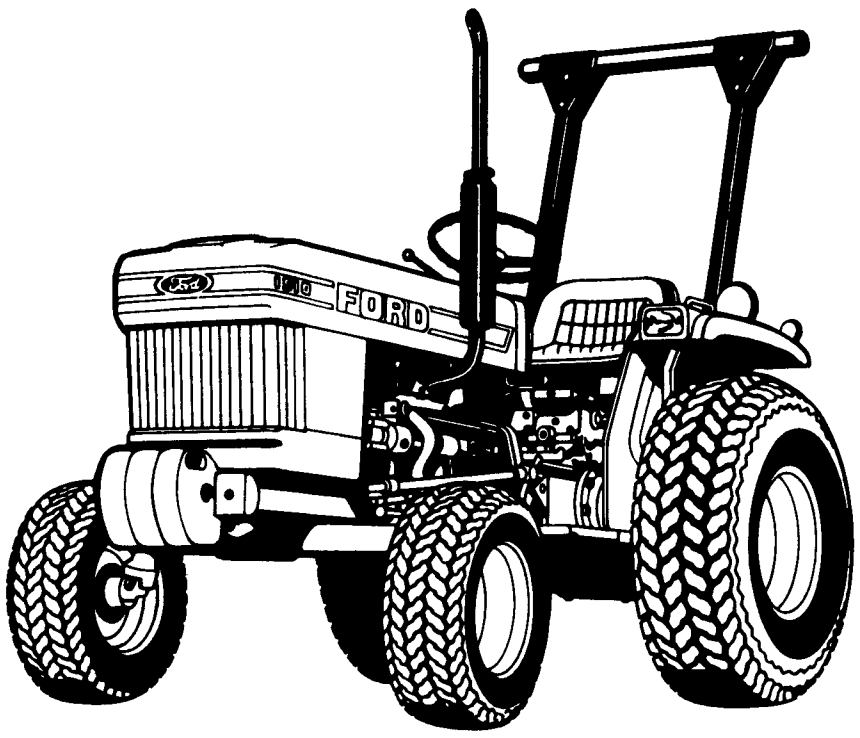

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Flail mowers, 62, 74-in.			X	X	X	X	X
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N.J. FFA Members Bring Home National Convention Awards

NEW BRUNSWICK, N.J. — This year may have been less than prosperous for American agriculture, but young peoples' faith in its future is still evident. Over 22,000 attended the National Future Farmers of America Convention, 16,000 of them FFA members. Along with advisors, sponsors, alumni and guests, the members took part in the 59th annual convention, held recently in Kansas City, Mo. They participated in contests, received awards, attended leadership workshops, and honored the sponsors that make possible the FFA's extensive programs.

The National FFA contests were conducted during the convention also. New Jersey's talent was shown by many individuals of this state.

In the dairy contest team members Chris Tice, Mike Griffith, and John Loew of the Cumberland FFA Chapter, Seabrook, placed fifth out of 45 teams in the nation. Chris and John received gold medals and Mike received a silver medal for his work.

Nursery/Landscape team of the New Jersey FFA from Northern Burlington Senior FFA Chapter, Columbus, placed fifth out of 40 teams Gold emblem team members were Chuck Cottrell, and Ross Kiesling; Wayne Lebak received a silver medal.

There were many other outstanding teams representing New Jersey. Among them was the bronze emblem floriculture team from Gloucester County FFA, Sewell, with team members JoAnn Tweed receiving a bronze medal, Brad Sennett, and Cheryl Friedel.

The poultry team of Allentown FFA, Allentown, was a bronze emblem team and consisted of Brenda Funk, who received a silver medal, Katie Wright, who received a bronze medal, and Lou Ann Schillaci.

The agriculture mechanics bronze emblem team was of the Northern Burlington Senior Chapter, Columbus, with team members Jim West, John Klimkowski receiving bronze medals, and Shawn Cook.

The National Livestock Contest had NJ FFA representatives from the Warren Hills FFA, Washington. The bronze emblem team members were John Torrance, Erich Sodtalbers, and Tracy Sodtalbers. Erich and Tracy received bronze medals.

The dairy foods contest winners from New Jersey were of the Allentown FFA, Allentown, including Michele Moro, Janet Forrest of the Hunterdon Central, FFA, Flemington, both receiving bronze medals, and Dan Berg of Allentown.

Four individuals received the American Farmer Degree, the Highest degree an FFA member can obtain. Wayne Beal, Jr. of Bridgeton, Kenneth Ingalls of Cream Ridge, Ross Mills of Princeton, and Patricia Wentzell of Woodstown earned this honor based on their supervised occupational experience in the agriculture industry. Each must have earned or productively invested at least $5,000 to their projects.

Delaware Grange Elects New Officers

DOVER, Del. — Delaware Grange members elected new officers during the 112th Delaware State Grange Session, held here Dec. 2 and 3.

Immediate Past State Master Wills Passmore installed the following new officers: master, Jane T. Mitchell; overseer, William W. Naudain, Clayton; lecturer, Catherine Hoffman, Dover; steward, Mervin Richard, Marydel, Md.; assistant steward, Raymond Chorman, Ellendale; lady assistant steward, Jane Chorman, Ellendale.

Other officers installed were: chaplain, Eleanor Brown, Bethany Beach; treasurer, Ronald Martin, Newark; Secretary, Lu Carrow, Dover; gatekeeper, James R. Correll, Clayton; ceres, Mabel Hitchens, Bridgeville; pomona, Betty Richard, Marydel, Md.; flora, June Unruh, Townsend; executive committee, Edward J. Williams, Hockessin; Claude Hoffman, Dover; and William O'Day, Seaford.

Award presentations and Youth Night activities, including the 4-H Public Speaking contest and the National Grange Public Speaking Contest, were held Dec. 2.

Capital Grange member Kimberly Dannenhauer of Felton was the first place winner and will compete in the regional contest this spring. She and Kelly Lee Hazlett chose the topic, "Farmers in a Changing World."

Winners in the 4-H Speaking Contest were: senior division, Bambi Briggs, Felton, first; Janelle Taylor, Seaford, second; Sharine Niser, Newark, third. Junior division winners were: Beth Sapp, Harrington, first; and Chad Nelson, Newark, second.

Fruitland Junior Grange members from Camden-Wyoming sang a medley of Christmas songs and Capital Junior Grange Members from Dover did a musical comedy skit.

U.S. Congressman Thomas Carper spoke on "A Look at the Agricultural Situation," during the banquet which concluded the session.

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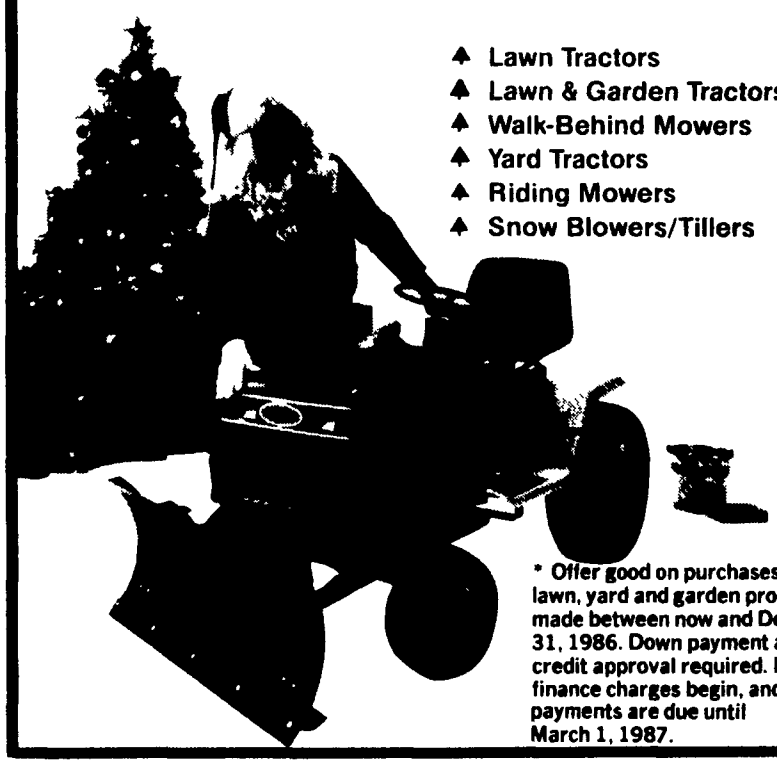

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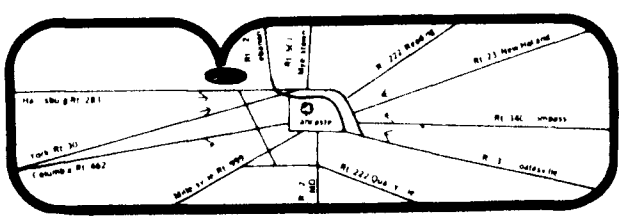

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Miniature Poinsettias Should Hit The Market In '87

COLLEGE PARK, Md. – A poinsettia is a poinsettia is a poinsettia – at least until now.

Plant breeders in Ohio have developed the first new poinsettia hybrid in a decade – a dwarfed plant that at maturity stands only five inches tall. And ornamental plant specialists at the University of Maryland think they can shrink the hybrid down to boutonniere size in time for next Christmas.

"The floral industry is really pushing the standard, 24-inch-tall poinsettia to the consumer," says William Healy, an assistant professor in the university's horticulture department. "That's great if you've got a place in your home to display a large plant. But if you're short on space, you're stuck."

According to Healy, the size of the hybrid depends on the size of the pot it is grown in and how and when its flower-bearing stem is pinched. The smaller the container and the later the stem is pinched, the smaller the final product.

Fifty of the five-inch poinsettias are on display at the university's greenhouse – where Healy and his colleagues are conducting experiments to determine optimal growing conditions for the popular holiday plant. With luck, they also hope to grow the hybrid small enough to fit on a coat lapel.

"The smaller the poinsettia, the more popular it may prove with consumers," says Healy.

Surrounded by standard-sized poinsettias, the University of Maryland's William Healy holds the new miniature version of the popular holiday plant in his hands.

Like larger poinsettias, the dwarfed versions come in traditional red, white, or pink colors. According to Healy, the four-inch plants should be available to consumers by next year's holiday season.

Scientists Work To Unravel The Mysteries Of Salt

WASHINGTON – Without knowing why it worked, people for thousands of years relied on salt to preserve meat. Now scientists are finding that salt may work some of its preservative magic by short-circuiting the electrical attraction between meat and bacteria.

If that pull of electrical charges is broken, studies suggest, bacteria can't cling to meat. It's the bacteria that cause spoilage.

Salt may also kill bacteria by robbing them of water and preventing them from absorbing nutrients from the meat, according to the new findings of U.S. Department of Agriculture scientists in Philadelphia.

Scientists there are exploring salt's mysteries not only because it helps keep food safe, but also because eating too much of it can raise blood pressure. If too little salt is used in meat processing, however, bacteria can grow and produce toxins that cause food poisoning.

"We're learning more about how salt works and how using less of it affects its control of bacteria," said Robert L. Buchanan, a microbiologist at the Agricultural Research Service's Eastern Research Center in Philadelphia. "Eventually we'd like to find something to replace salt entirely."

At the center's Microbial Food Safety Research laboratory, studies show that sodium and chloride—table salt's components—may cause the electrical short circuit by swamping the meat's surface with tiny electrical charges. That happens during processing in a brine solution.

When bacteria touch meat, they make very little surface contact—like golf balls on a floor, said Robert Benedict, a chemist working on the research. "But as the bacteria grow, they spread out, hang on tighter and are harder to get rid of. Salt appears to block this attachment."

Not only does salt act as a sort of electrical shield, it also may make bacteria languish or even die from lack of moisture, according to microbiologist Samuel A. Palumbo.

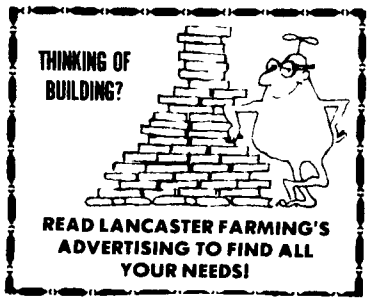
"Salt appears to dehydrate the bacteria, slowing down their metabolism and reproduction. But we're still learning exactly how salt does this," Palumbo said.

Some bacteria succumb to salt more readily than others, according to James Smith, a microbiologist at the center. He said one bacterium, Staphylococcus aureus, survives in water five times saltier than another bacterium, Campylobacter je juni, can tolerate.

"We're still learning why this is the case," Smith said. "It's part of the overall mystery of salt and how it interacts with these organisms."

USDA estimates that as much as 50 percent of sodium in diets may come from processed foods—including poultry and meats such as bacon, hot dogs, sausage and ham.

Salt can be lowered in these products only slightly unless toxin-producing bacteria are stifled by other measures, such as heating the meat, increasing its acidity, using potassium chloride to complement the salt or keeping the meat refrigerated at 40°F



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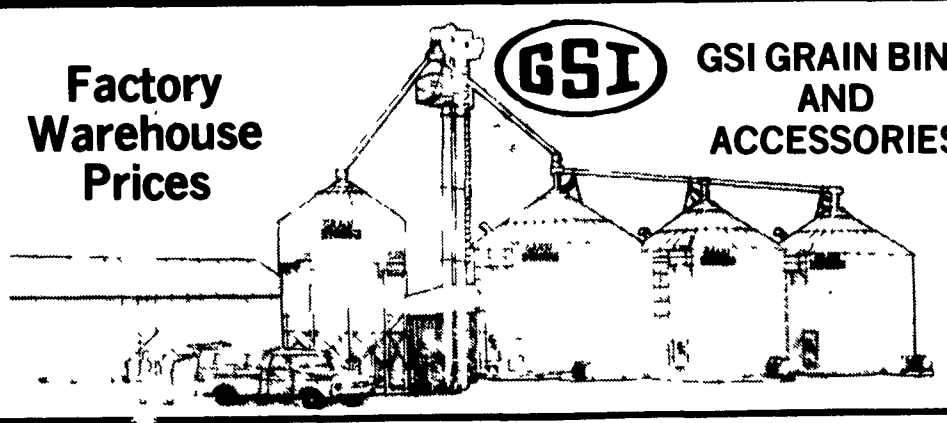

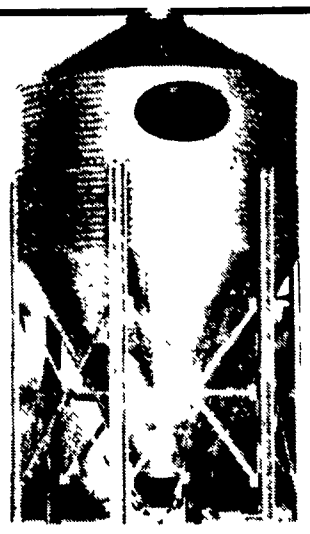

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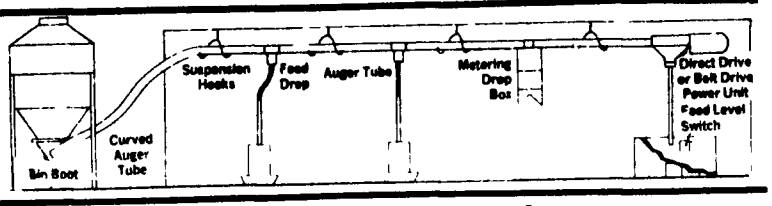

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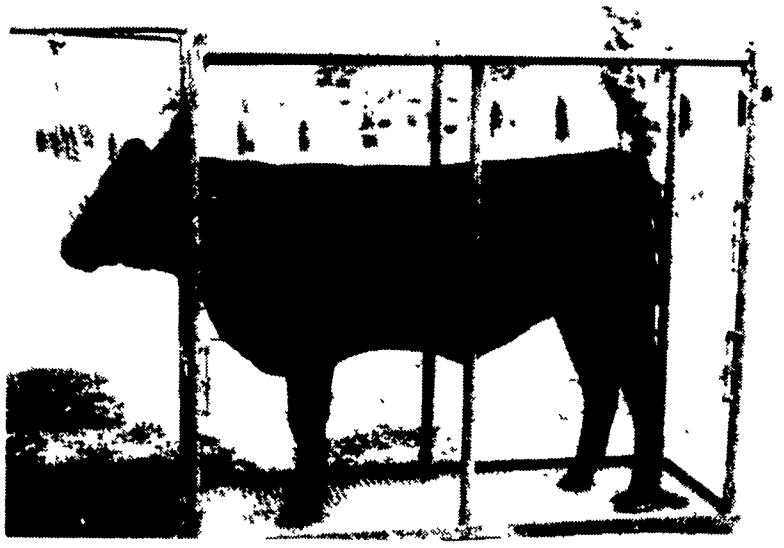

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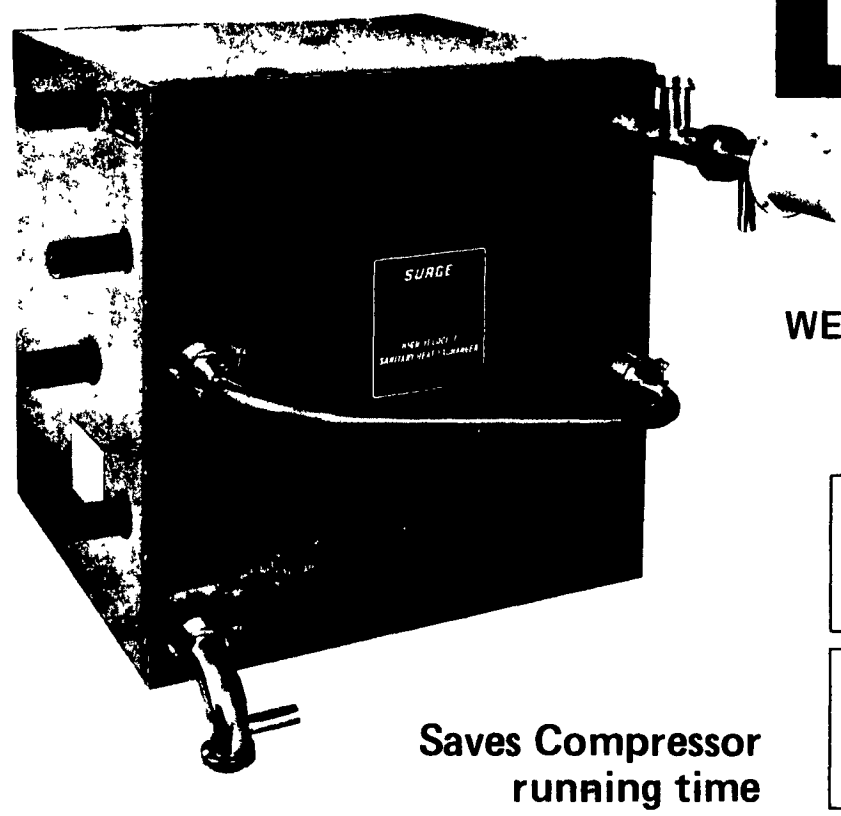

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No-Frills Wholesale Clubs Help Consumers Save Dollars

WASHINGTON, D.C. — Offered the choice of paying $3.29 or $2.79 for a 12-pack of soda, most buyers would choose the lower price. It's this price appeal that goes a long way toward explaining the rapid rise of wholesale clubs — fully computerized "no-frills" operations offering a limited selection of brand name merchandise to small businesses and selected groups of consumers.

Economic Research Service economists Judy Putnam and Walter Epps have been among the first at the Department of Agriculture to take a look at these clubs and have published their findings in the department's *National Food Review.*

"Different from conventional supermarkets and discount stores, wholesale clubs are best described as retail/wholesale hybrids," Putnam says. "These membership-only distributors straddle the line between wholesaling and retailing by offering discount prices previously available only to larger businesses that ordered merchandise in bulk."

The clubs have two types of members. The first type encompasses small businesses, such as mom-and-pop grocery stores, sandwich shops, gas stations, and law and accounting firms. The second type is composed of individuals who are employed by banks, credit unions, public utilities, government agencies, or any organization designated by the club.

Most wholesale clubs stock 4,000 to 6,000 items, which include groceries, office supplies, and other general merchandise. This modest number compares with up to 25,000 items in supermarkets and 30,000 to 50,000 stocked by traditional discount stores. However, a club's range of items is broad — from microwave ovens to plastic trash bags.

"As routine policy, they stock a wide range of fast-moving, well-known brands of groceries and other products. Grocery items account for 40 to 60 percent of clubs' sales," Epps says.

Although clubs sell a great deal of food, they realize higher gross margins on general merchandise — 15 percent, compared with about 8.5 percent. General merchandise includes hardware, appliances, auto supplies, consumer electronics, clothing, and furniture.

Whatever the item, wholesale clubs usually offer everyday prices below those charged by any retailer and, sometimes, wholesalers and distributors. The trade-off for the lower prices is a no-frills operation that holds down overhead costs. Gone are advertising, catalogs, fancy showrooms, credit card sales, sales help, bagging of groceries, delivery service for large appliances, and after-sale service. Although clubs lack many amenities, one central feature of all clubs is the widespread use of computers, which also gives them greater operating efficiency and lower overhead.

Still in infancy, wholesale clubs are highly concentrated, with just four firms accounting for 75 percent of all sales. Although sales concentration is high, the industry continues to be very competitive. Fueling the competition is rapid expansion of existing firms and entry by new ones. In the first half of 1986 alone, about 50 new clubs were scheduled to open. The total number of clubs by the end of the year will be about 230. Four new firms entered the industry this year, for a total of 18.

"The success of wholesale clubs lies with their targeting a market that is not served or only partly served by existing businesses," Epps says. "Some industry observers estimate wholesale club sales at $24 to $29 billion by 1991, at least three times the 1986 level."

However, certain limitations could slow growth. Market saturation is one potential drag on expansion. It takes about 400,000 members to support a club. So, even areas with large populations can support only a limited number of clubs.

Another possible obstacle to expansion is competition from traditional supermarkets and general merchandise stores.

"These firms are expected to offer competitive prices where wholesale clubs encroach on their markets," Putnam says. "So, lower prices in these other outlets, coupled with attractive decor, delivery, bagging, and other services, may limit wholesale club growth."

"Faced with increased competition, both among themselves and from their more traditional counterparts, wholesale clubs may be tempted to loosen membership requirements, upgrade decor, and add services to increase sales," Futnam concludes.

"The risk is that such deviations from the format could increase the cost of operations, thereby negating their greatest strength — low prices."

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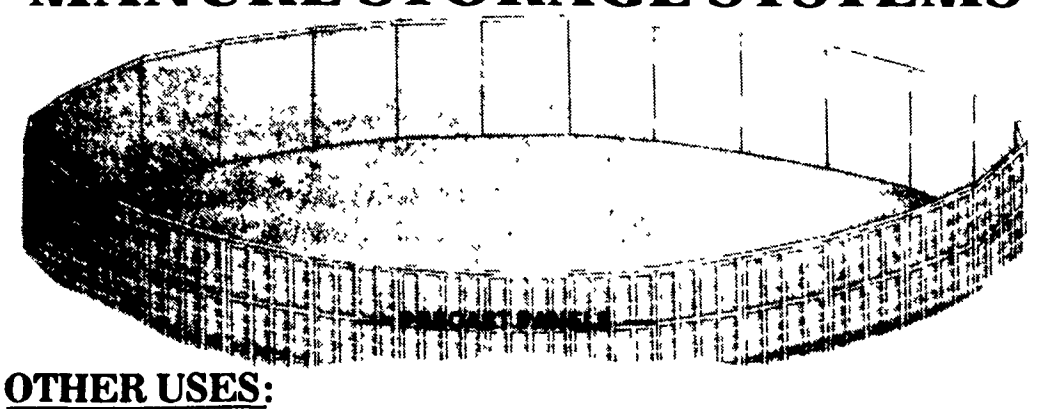

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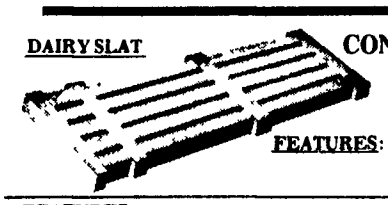
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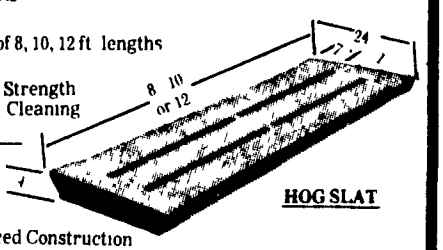

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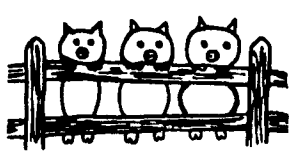

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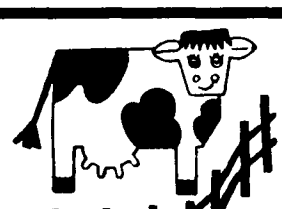

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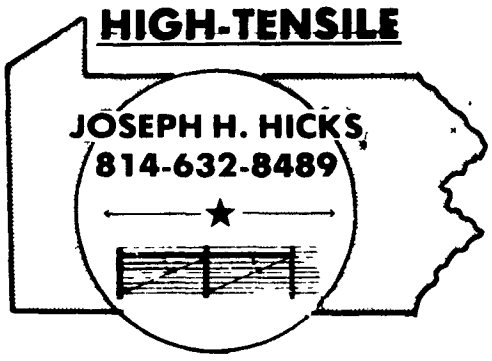

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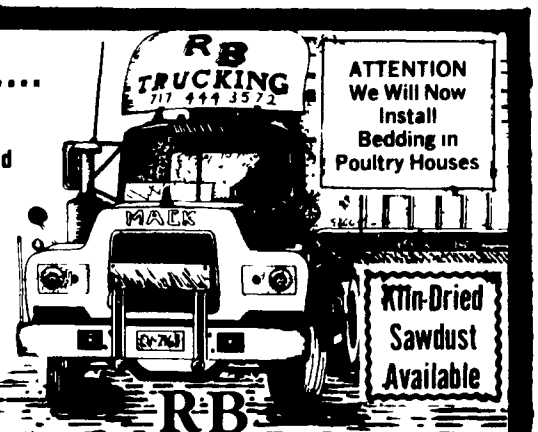

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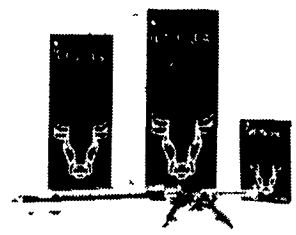

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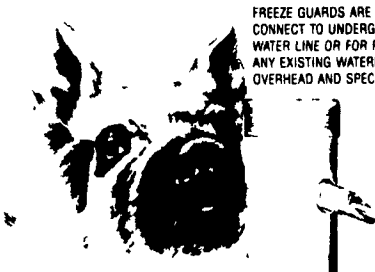

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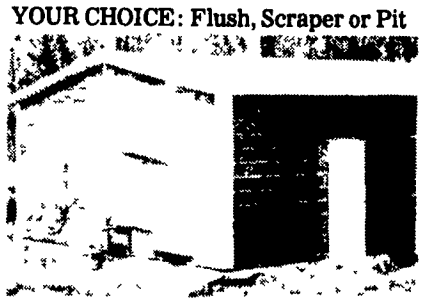

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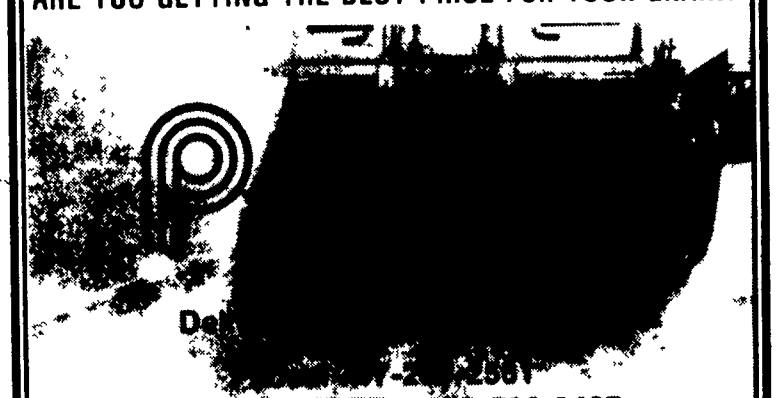

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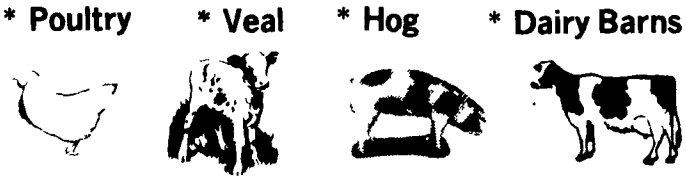

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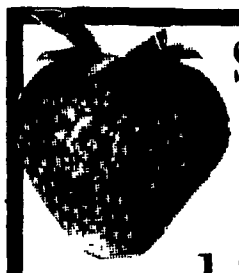

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23 HELP WANTED

Assistant herdsperson to work with breeding, milking, calf care. Housing and benefits available. Lester C Jones & Sons. Ask for Bucky, 609-267-0198, after 6, 609-267-5246

TRACTOR TRAILER DRIVER needed to operate dump trailer, Mt. Joy, Lanc. Co., 717-653-4743

TRUCK DRIVER-SALESMAN for milk route serving Montgomery, Chester counties. Health insurance, good driving record Apply at Meadow Brook Farms, Pottstown, PA, 215-323-3700.

Office Position Computer oriented person w/ agricultural background to fill a position in Agriculture & construction business office Person should have accounting training or experience, good telephone & 2 way radio manners a necessity. Excellent opportunity for advancement, excellent salary and benefits based on experience & ability. Business located in Southeast Chester Co. 215-274-8009 or 215-274-8976

Person experienced in dairy operation. Harford Co. 301-452-8569

Person needed on Lehigh Co. grain, potato, and poultry farm for general farm work Machinery experience & references desired Benefits & housing available Reply to Lancaster Farming, P O Box 366 L-115, Lititz, Pa 17543

Person to work on dairy farm, full time, or morning & evening part time Lanc Co 717-653-4923

Assistant herdsperson on New Jersey dairy farm. Experienced preferred House included 609-259-2630 or 259-7494

Assistant Herdsman to help oversee all phases of dairy operation Housing, utilities, benefits Bloomsburg, Pa. area 717-784-4499 or 717-784-5255

Expanding very important products co. seeking hard-working, ambitious, self-starting individual referal sales 717-866-5555

Experienced help for dairy farm, maybe part time, 1 bedroom apartment available Lancaster Co 717-653-5811

Field Assistant Hybrid corn research company seeks individual for full time, salaried position with full benefits. Should have experience in crew supervision and basic farm practices. Requires ability to operate and haul farm machinery. Send resume to: DeKalb-Pfizer Genetics, 603 W. Main St., Palmyra, Pa 17078

HELP WANTED: Person needed to work full-time in poultry and hog houses Also must run computerized feed mill. Must be mechanically inclined Prefer Christian young couple. Housing availble Berks Co Send information to Lancaster Farming, P.O. Box 366, A-107, Lititz, PA 17543

Help Wanted on dairy farm, for milking & feeding, also some general farm work Home provided Northumberland Co 717-648-8001

23 HELP WANTED

Help wanted dairy farm, experience necessary, excellent house, vacation provided, $300. a week. 201-369-3690

Herdsperson for 100 cow plus dairy farm Experience a must. Winding Brook Farm, Bucks Co, PA 215-348-5514

Married person on dairy farm Part or full time. Housing available 717-442-4437

Mechanic field person for dairy and grain farm. Experience a must Winding Brook Farm, Bucks Co, PA. 215-348-5514.

Need someone who likes farming and working with cows to help on dairy farm in York county. No house available. Salary dependent on performance. Reply Lancaster Farming, PO Box 366-A-108, Lititz, PA 17543.

N.J. HORSE FARM
Needs reliable person to help with feeding, stall cleaning, grounds upkeep. Good working conditions in quiet country area. Private living quarters provided THE RIDGE Farm, RD3, Lebanon, N.J. 08833. Phone 201-236-2986.

Seeking mechanically inclined industrious person to work on large dairy farm in western Connecticut. Opportunity to work with modern equipment on large scale crop program. Cash salary $900/month plus housing and benefits Send resume and references to Sunny Valley Farm Manager, 4 Sunny Valley Lane, New Milford, CT 06776 OR call 203-354-2707 eves to inquire

Stable and farm help wanted for thoroughbred horse farm. Harford Co., MD Experience on dairy or livestock farm adequate. 301-836-3636 after 6 p.m

Wanted: Experienced pole building crews or forman for construction in Eastern PA, MD, NJ and Southern NY Good pay schedule Call 717-354-6227 after 6 PM

Wanted: Person or couple for dairy farm. House included. Call 717-426-1513

Working Heifer Feedlot Manager: Person should be animal & equipment oriented. Self motivation a must. Excellent salary & benefits for capable person Located in Southeastern Chester Co 215-274-8009 or 215-274-8976

WANTED Swine Managers. Positions available in breeding, farrowing and unit manager for 750 sow units. Units located on Maryland's eastern shore. Substantial benefits for the right people Interested parties should call 302-436-4100 or send resume to Mrs. Gwen West, c/o Delmarva Farms, P.O. Box 32, Celbyville, DE 19975

Self Animal Health Supplies
farm to farm
Must have dairy farm experience and be aggressive Guaranteed salary plus commission and excellent benefits
Call
Animal Medic, Inc.
717-266-5611

HELP WANTED FOR ROOFING
Dependable & conscientious workers needed for shingle application. Excellent benefit package.
Sam Smucker & Sons Inc.
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Lancaster, PA 17602
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Experienced John Deere Mechanics.
See our ad on page A-14.
G & H Service, Inc.
Route 206 North
P.O. Drawer E
Newton, NJ 07860
201-383-3370

SALES REPRESENTATIVE FOR AG PRODUCTS in Central, Pa.
Minimum 3 yrs. sales experience required. Ag Degree preferred. Full benefits to include company car. For interview call Dianne at:
800-322-6730 or 215-267-3805

WORKING HORSEMAN
for TB broodmare farm in Baltimore County. Excellent opportunity with new house. Ref. Req.
Box 68
Butler, MD 21023
or
301-771-4580

Farm Equipment Appraisers needed Are you familiar with Farm Equipment values? If you are, you may be qualified to become a Certified Farm Equipment Appraiser
Call
208-734-7570
American Society of Farm Equipment Appraisers,
P O Box 186
Twin Falls, Idaho 83303

WANTED
Welder/Assembler/Engineer
Feedmobile, Inc.
Lititz, PA
717-626-2680

HELP WANTED
Full-time person with experience in poultry farming. Must have Class II license. Be responsible. Housing and Blue Cross and Blue Shield and vacation. 50 hour work week.
Reply to: Lancaster Farming
P.O. Box 366, K-131
Lititz, PA 17543

AGRICULTURAL CONSULTANT
A state wide Farm Management Service Organization is looking for a take charge person to service clients in PA. Must have a 4 yr. degree, preferably in Agriculture or accounting with Agriculture background, and at least 3 years related experience. This person should be mature and able to communicate with farmers in management, taxes, finances, and production.
Send Resume To:
Lancaster Farming
P.O. Box 366-A-109
Lititz, PA 17543

HELP WANTED - CLERICAL/OFFICE
FARMLAND PRESERVATION Seek enthusiastic, competent candidate to play key support role in farmland preservation in Lancaster County. Secretarial position requires some experience, ability to communicate, good all-around clerical skills, including word processing skills Varied responsibilities. Salary $10,800 to start with excellent fringe benefit package Resumes or application by December 17
EOE
Lancaster County Agriculture Preserve Board
50 North Duke Street, P O Box 3480
Lancaster, PA 17603

24 SITUATIONS WANTED

217 acre dairy farm in Harford County, Maryland, with 70 cows Available for rent or operated on shares. 301-836-9442

Have fine Central PA Dairy facility & feed. Need a couple, short on capital, and long on ambition to start own dairy. 814-669-4672

Position wanted on dairy farm in Lewisburg, Mifflinburg area Ag degree, herdsman experience. Married, four young children. Christian prefered Housing needed Richard Harding, R1, Box 108, Marathon, NY 13803

WANTED Individual to take first mortgage Would be willing to pay 9.5% on 7 year term Replies kept confidential Write Lancaster Farming, P.O Box 366, R-98, Lititz, PA 17543.

Wanted to Rent: 40 Acres or less, house and barn in Mifflin County Call 215-348-2513 after 6 PM

Young married man with PSU Agronomy Degree and some limited farm experience desires full-time farm work starting in May 814-234-0650

Family desires to assist to take over dairy end of small dairy and/or crop work. Eventual possibility of partnership or buy out preferred. S.E. PA or Bedford County or even Alaska!
Send reply
c/o R.E. Cassel
289 N. Hornerstown Rd
Hummelstown,
PA 17036

25 BUSINESS OPPORTUNITIES

Partial investor needed for turkey operation in central Iowa. Need $100,000 for five years Will pay 10 to 12% interest and 5% of principal per year. Balloon end of year five. Secured by five year production contract of major meats group All replies kept confidential Reply to George H. Rutrough, 5311 Glenvar Heights Blvd, Salem, VA 24153

25 BUSINESS OPPORTUNITIES

FARMING OPPORTUNITY
Someone with ambition, dedication and proven ability to take over day-to-day operation of a modern farm with high-producing registered holstein herd in Somerset County.
Opportunity to begin purchase in one year if successful. Interested parties should submit character and financial references with first letter.
Write to:
Lancaster Farming
P.O. Box 366, R-99
Lititz, PA 17543

26 HOUSEHOLD

Distributor Retirement Sale Ekco stainless steel, multi-ply, heavy gauge, waterless 18 pc cookware, 50 year warranty 717-866-5555

Sales & Service of machanical, electronic, computerized and overlock Husqvarna Viking sewing machines 717-866-5555

27 PETS

10 AKC St Bernard puppies, ready for Christmas. 814-276-3157

AKC Labrador Retriever puppies, males and females, shots, wormed Both parents on premises Call 717-833-4909

AKC miniature pincher, 8 wks old, 2 males, nice markings Along Rt 10, 1½ mls. S. of Honey Brook Stephen L. Stoltzfus, R2, Box 64A, Honey Brook, PA 19344

Border Collie puppies, purebred work or plea sure Ready to go anytime. 814-667-3670 near McAlevy's Fort Rt 26 between State College and Huntingdon

Border Collie pups Sire Sheep Trial Winner Ready 12/18/86 814-766-3449

Bouvier des Flander pups, AKC, 8 weeks, first set of booster shots, ears cropped, tails cut, tatooed. 215-799-4043.

Catahoula dogs and pups for sale. 215-493-4900

Collie puppies for sale, 7 weeks old, very nicely marked, $20 215-593-2274

For Sale Australian Cattle Dog pups (Blue Heelers). Will be ready Dec 12th Newmanstown, Lebanon Co. 215-589-4558

Free! Black lab pups, raised in house with children. Six weeks, Dec. 24 717-786-7046.

Jack Russell Terriers. Registered parents, bred for ability and disposition, certified pedigrees, shots and wormed, ready to go 717-596-3220

Purebred Australian blue heeler cattle dog puppies. Priced reasonably Lanc Co 215-286-9052

$ $ $ $ $ $ $ $
MONEY
FOR PUPS
in litter lots for resale in my pet shop Will pick up Cash paid
Call
Charlie Hackett
mornings
1-215-681-5236
$ $ $ $ $ $ $ $

PUPS WANTED
AKC & Cute Curly Mixes, 7 weeks old for pets only. Highest cash prices paid. Reliable weekly pickup. Call The Puppy King at Pet Depot.
201-295-2442
Daily
201-899-5868
Early Morning
Call Collect
215-350-5249
Thursday Only
P.S We buy pups 52 weeks a year

Quality Labrador puppies, purebred, chocolate & yellow, shots & wormed, born Sept. 1st., $250. 301-239-8252

Registered border collies born Sept. 8 International and national bloodlines. 201-948-4941 Harmony Ridge Farm, Branchville, NJ

Registered Australian shepherd puppies, excellent parents 717-245-0944.

Registered Australian Shepherd pups Variety of colors. Good working stock Excellent family and guard dog, $150 New York, 716-595-3210

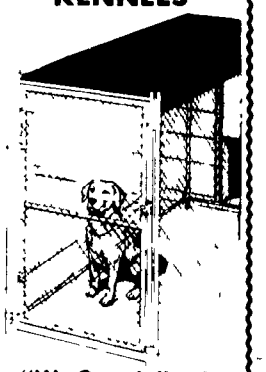
WANTED Puppies For Pets
AKC, Purebred, Mixed Litters.
Stud service for most breeds
Transportation provided
Forest Ridge Kennel
296 S Vintage Road
Paradise, PA 17562
717-442-4259

Started Blue Tick coonhound pups, will help train. Stud Service Available. 717-664-2854 after 4:30

One friendly adult brown male Llama. 215-257-6055 after 5PM or weekends.

WANTED-Puppies, all breeds. Jack's Dog Farm, Rt 611, Pipersville, PA 18947 215-766-8802.

CUSTOM BUILT CHAIN LINK KENNELS



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Singles To Large Complexes
Apply To:
Quality Fencing & Supply
R D #1 - Box 428
New Holland, Pa 17557
717/354-9760

PUPS WANTED
By Jo Jo
The Dog Man
$ Top Dollar Paid
I'll be buying pups at Root's Farm Market, Tues., December 16 from 5:00-8:00 PM
I need 125 pups on Tuesday, December 16
Due to the bad weather on December 2nd no prize was given I will give a $200 prize on December 16th
I will pick up puppies December 23rd, Kirkwood - 1:00; Quarryville - 1:30; Georgetown - 2:00; Strasburg - 2:30; Intercourse - 3:00
Pups wanted in litter lots only to 8 weeks old. No adult dogs handled.
Root's Farm Market is located exactly 10 miles south of the PA turnpike exit #20; 3 miles south of Manheim, PA off Rt. 72
For questions, call
JoJo The Dog Man
7 Am - 9 AM
Phone **609-452-8903**
P.S. Pup stand will be closed December 30th to February 24th.

32 MISCELLANEOUS

Make Offer 4,000 gallon solid steel tank w/man hole, 64" dia x 24' Sutton Bros, Marysville. 717-957-2047

Bandsaw blades made to order Wood, metal or meat cutting Also, butcher handsaws & blades UPS shipping. 717-733-0511 Martin's Sharpening, RD#1, Ephrata, PA 17522

Bought and sold new and used cardboard boxes, drums Pint, Quart & Gallon Containers Reliable Recyclers, 178 Greenfield Road, Lanc., PA 17601, 717-397-7695

Clean black pipe, 1", 1,500 ft, 8' to 20' lengths 717-354-4424 Jack or Doug

COPY MACHINE Savin 220, used in 2 room school, $150/Best Offer. 717-949-3498

FOR SALE 2,000 feet 1¼" steel pipe, 300 feet 2" steel pipe, motorized valves 37-4" 6" 717-543-5253

FOR SALE. Inclinator stair lift w/all controls 717-653-4560

FOR SALE. SS tank, 37' long 8' round, for water or chemicals Berks Co 215-683-7214

For Sale. 1,000 gallon air tank, 2,500 gallon air tank; 8,000 gallon air tank Steven U. Zook, R D 1, Box 392, New Holland, Pa 17557

ANTIQUE WOOD BEAMS, excellent condition, various lengths Good for restoration work, $ 85 - $1 50 linear feet Call 215-383-0800

WOODWORKERS AND CONTRACTORS
Heavy duty woodworking equipment, power tools & air compressors Precise quality, low prices & 100% guaranteed
15" Planers, $695
15" Scroll Saws, $99 95
14" Band Saws, $275
10" Table Saws, $375
10" Radial Arm Saws, $375.
8" Jointers, $545
6" Jointers, $275.
1" Shapers, 3hp, $989
½" Shapers, $265
4x6 Belt & Disc Sanders, $79.
6x9 Belt & Disc Sanders, $189
6x196 Stroke Sanders, $635
5-Speed Drill Presses, $124.
12-Speed Drill Presses, $148.
16-Speed Drill Presses, $154.
5HP 60 gal Air Compressors
Larger Equipment Available. Super Savings on all size air compressors Bargain Prices on Makita, Milwaukee, Porter Cable, Black & Decker, Ryobi, David White Transits & more.
Call for prices Cash discounts. VISA, Mastercharge accepted Wholesalers welcome. Will try to beat any price, anywhere.
CONESTOGA SUPPLY
215-445-4669

32 MISCELLANEOUS

For Sale: 5000 feet air dried cherry lumber. Call 717-734-3484 after 8 PM.

For Sale: Bolen's snow blowers and plows, John Blue sprayer; Ford roll bars, loader bucket Berks. 717-933-8695

For Sale: Onan PTO alternator, 30KW, 120-240 volt, 1-phase, 125 amp 717-273-5231 or 717-272-0574

JD 3 pt. hitch log splitter, excellent condition, $400. 717-548-3116

Leroi generator, 25KW 120/220V, 4 cyl gas engine, good condition, $2,500. Trega Corporation, 215-756-6308.

HALF PRICE! Flashing arrow sign $299! Lighted, non-arrow, $289! Unlighted $249! Free letters! Warranty See locally
Factory direct
1 (800) 423-0163
anytime

Let Experienced Cutters Cut Your **Timber**
So You Will Have A Harvest Every 10 to 12 Years
Call
717-548-3422
after 6 p.m.
Guy Sexton Logging and Timber Management
1148 Pilgrims Pathway
Peach Bottom
PA 17563

Pole Buildings 24'x40' completely erected $3,999.00. Overhead and entrance doors included Other sizes available. Call CHAPARAL BUILDINGS 1-800-772-0072 Anytime Material Only Packages Available

Saw Mill, 0-1 Frick, 4 head block carriage, new wood husk & ways, 56" saw, $2,500 Also lot of cherry logs York Co 717-244-1124

Showcases, for jewelry, etc Desk for computer or typewriter. Commercial hairdryer 15h air compressor (3) 60 hp electric motors 201 291-9371

WANTED TO BUY Train collector has $10,000 to invest in Lionel, Flyer, Ives, Marx, HO, etc. Any amount or condition For appointment call 717-898-0332

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World's Finest COOKSTOVES
Sales and Service
Since 1976
New and Used Models
The Heat Shed, Inc.
566 Rock Ridge Rd.
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For Sale
Meat grinders, band saws, slicers & tenderizers. Also new splitting saws for only $249.00.
Gerry Grundy.
Doylesburg, PA
On Rt. 75 - 200 yds. N. of Rt. 274.
Open Sat. & Sun. 10 AM - 4 PM
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611 COAL YARD
PREMIUM GRADE ANRACITE COAL
LONG BURNING
LOW ASH
ALL SIZES
TRAILER LOADS ONLY
(215) 766-8802
OR
766-0785
Rt. 611 Pipersville
PA 18947

FOR SALE
Truck mounted tanks, 1,800 gal. & 2,500 gal.
Tank Trailers, 4,000 gal. & 5,500 gal.
'52 Diamond T Truck, whole or parts
TD24 Int. diesel engine
4 cylinder Ford Industrial engine for parts
HM Hough loader, whole or parts
Industrial spot welder
400 amp AC shop welder, single phase
D-4 Pony motors w/starter, rebuilt $400. each
D-4 Trans. & other parts
D-4 or 955-12A loader tracks, $150
Hammer Mill
Small hammer mill shredder, $25.
Hopto Backhoe, $2,800
50 gallon drums, $1.00 each
Old coal hot air heater
Waste oil heater
Call Paul
215-679-6632
or
215-257-8367

TOTAL LIQUIDATION
Of Used Steel Underground Storage Tanks Suitable For Liquid Storage
Lost lease of storage yard located in Northumberland Co., Pa.
Capacities ranging from 3,000 to 8,000 gallons.

(1) 3,000 gallon..... $475
(3) 4,000 gallon..... $575 each
(1) 5,000 gallon..... $650
(4) 6,000 gallon..... $750 each
(8) 8,000 gallon..... $800 each

Will Sell Individually or Buy All 17 For $7,000
Also have railroad tank cars, suitable for liquid storage in ½" and ¾" thicknesses
Delivery Can Be Arranged
Call **717-425-2285** after 3:30 p.m.
Serious Inquiries Only

33 RECREATIONAL VEHICLES

FOR SALE: 1985 Rockwood 31' Class A motor home, 3,049 mi., roof air, dash air, microwave oven, awning, center bath, tow hitch, 454 Chevy engine. Still under warranty 717-273-5231 or 272-0574

34 AUTOS

For Sale: 1971 Mercedes Benz Sedan, black interior exterior, 4 cylinder diesel, in running condition. $1295. Adams Co., 717-624-8286

For Sale: 1982 Grand Marquis Mercury, electric door locks, windows, seats, aerial. Vinyl roof, 53,000 miles, excellent condition Chester Co., Oxford, PA 215-932-5873

35 TRUCKS AND TRAILERS

'74 IH tandem axle tractor w/Cummins dsl and Fuller trans., in use now, $2,750. 717-534-1253

'79 Ford 150, 4WD, 4 spd., chrome whls., 33" tires, many extras, excellent condition, $5,000 or Best Offer 703-253-5435

'83 Chevy C10 ½ ton, 4 x 4, 305 HD 4 spd., PS, PB, AM-FM, 6,100 GVW, 22,000 miles, excellent condition, $7,950 717-733-2873

35 TRUCKS AND TRAILERS

1977 Ford 350, 1 ton, with Schwartz 15' roll back bed Saxonburg, PA 412-352-1081

1982 GMC 6.2L dsl w/9½' refer body, 10,000 GVW 215-795-2107

1984 Chev 350 w/Eby 12' cattle body, two decks, 47,000 miles 215-795-2107.

1985 1 ton Chevy, 4 spd., 454 engine, dual whls w/24x7½' stock trailer; 1972 Int cab over, 10 spd. Road Ranger, 290 Cummins, 34' grain trailer 301-557-7670 or 301-557-8643

1985 Ford F-150, XLT Lariat, 4x4, auto., air, loaded, like new, $10,995 717-354-0266

'74 Dodge 300 dual whl. w/10' cattle body, 400 4 spd., PS, PB, 80,000 original miles, 1 owner, $2,200 717-733-2873

Trailers
Monarch Ponderosa
Reduced 1986
Bumper 12' - $2000.00
Bumper 14' - $2100.00
Gooseneck - $3000.00
Selection Of New 1987's In Stock
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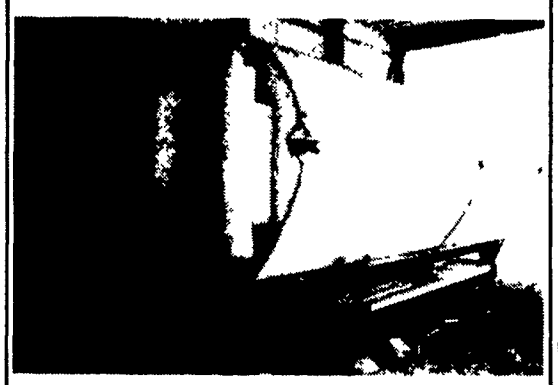

18 ft. Sprout Waldron
4½ Compartments
Complete with Drawback Unit Built By Eastern Mobile Mills
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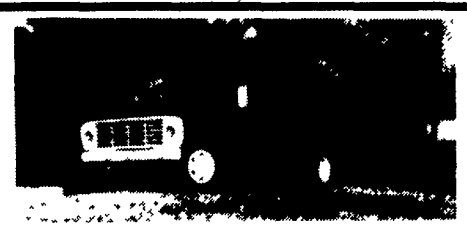

1973 F600 FORD
Single axle with 16 ft. steel bed and harsh dump. Makes great grain or hay rig. A heavy duty over the cab hay rack also available for this truck. A-1 condition. Reduced to $5,500. No Sunday calls please.
Phone (301) 432-5301

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DOES MAKE IT EASIER!!
Over 100 New & Used Trucks, Vans & 4x4's

87 Ford F-250 Super Cab 4x4 Truck, V8 diesel, AT, PS, PB, fully equipped for the heavy haul, brand new
86 Ford 250 4x4 Super Cab, V8, Diesel, AT, PS, PB, AC Fully Loaded and Brand New
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84 Ford F150, 6 Cyl., 3 Spd
80 Ford F150 V8, AT, PS, PB, Low Miles
79 Ford LN 7000 Diesel, 5 Spd 2 Spd Axle, Cube Body, Heavy Hauler
(2) 78 Ford LN8000, Cab & Chassis, 3208 Dsl., 5 Spd., 2 Spd Axle, Low Miles

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In PA The Call's On Us 1-800-242-8075
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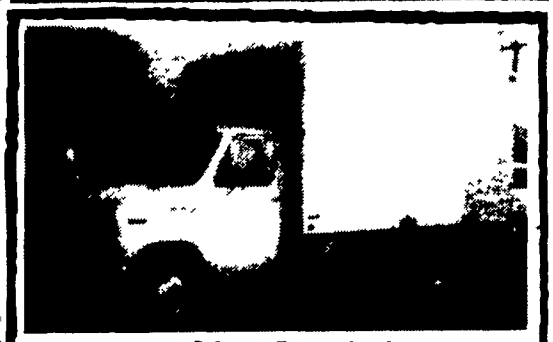
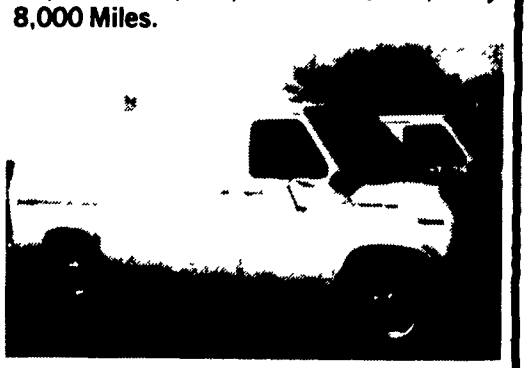
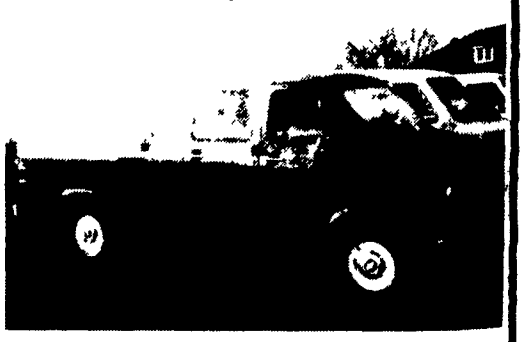


1986 FORD 350
Econoline, 14' aluminum cube Van, 351 V8, auto. PS, PB, Michelin tires., Only 8,000 Miles.



1984 FORD ECONOLINE 250
7600 GVW, 300 CI Engine, AT, PS, PB, A/C, Only 39,000 Miles
$6,250.00



1986 CHEV G10 CARGO
5600 GVW, 305, AT, PS, PB, Only 19,000 Miles
$7,850.00

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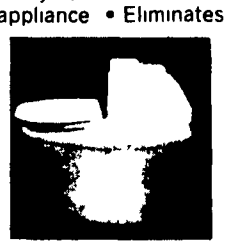
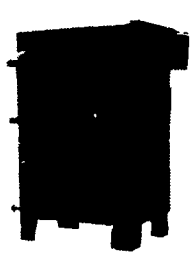
THE DRY TOILET
Self-Contained Composting Toilet Needs No Water Or Chemicals
Replaces conventional septic systems with a self contained bioconversion appliance • Eliminates wastewater discharge • Constructed from rugged stainless steel and non-porous plastic • Features positive venting for odorless operation • Easily maintained • The compact HUMUS 80 occupies only 25"x33" of floor space



MINI-STOKER
This Coal Stove Provides Automated Carefree Operation



New technology for an old idea Old Mill's Mini Stoker is a coal burning stove with an automatic coal feeding system Designed without grates the Mini Stoker eliminates botherson ash shake down Large ash box allows for ash removal only once every two days
The large hopper holds 75 lbs of rice coal producing continual duration of burn between 20 hours at maximum temperature to 50 hours at minimum temperature depending on your selection
The Mini Stoker is the answer to maximum heating efficiency of the longest duration with care free operation!

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CLASS III RECEIVER HITCHES	$75.00
4 ft. UNDERBODY TOOL BOXES	$125.00
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GALVANIZED CATTLE RACKS Fits all standard 8' pick ups	$295.00
9 ft. FLATBED TRUCK BODY Smooth steel floor/bulkhead	$600.00
ADD-ON CREW CAB Four extra passengers ride in comfort with seat belts & heater Call for Photo	$1,850.00
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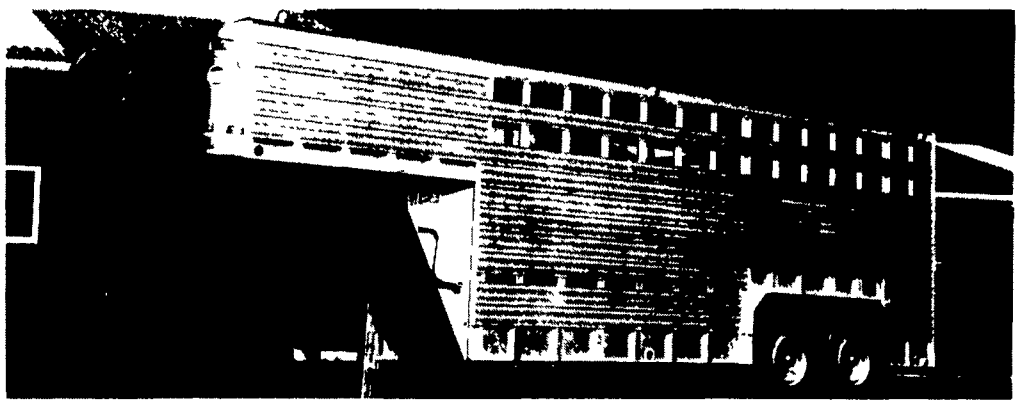
12 ft. MORITZ HORSE COMBO. TRAILER Our most popular 12'	$2,450.00
16 ft. MORITZ LIVESTOCK TRAILER We have not found a better unit for this money	$2,795.00
8'x16' FLATBED BUMPER PULL TRAILER 12,000 G V W Spare Tire	$2,560.00
8'x20' FLATBED GOOSENECK TRAILER 12 000 G V W with spare tire	$3,250.00
1975 FORD LN800 33 000 GVW Gas 5 & 2 will take a 16' body	$4,500.00
1973 FORD LIVE TANDEM 477 Gas 10 speed - will take 20 body	$6,000.00
1982 FORD F600 Set up for puling Gooseneck Trailers in style! Call for color photo	$10,500.00

ALUMINUM GOOSENECK TRAILERS

EBY BLUE BALL, PA



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A versatile, lightweight, Eby aluminum stock trailer is built to provide years of maintenance free service An Eby trailer is custom built to fit your individual hauling needs - No mass production! We use only quality components and strong alloy aluminum to manufacture what may be the last trailer you'll ever buy

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For Tri-Axle Truck, 16' Long

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1980 Marmon double bunk, cab over, Cummins NTC400, approx. 80,000 miles since last major, 180" WB, 13 spd Fuller trans, 4.11 rears, neway air suspension, PS, air cond., like new G159 tires on front, G167 low profile Goodyear tires on rear w/10 alum. budds. **$24,900 Neg.**

1981 Utility Reefer, 45'x13'6" T/K fuel saver unit, sliding tandem, 11x24.5 Budd whls., good radial tires & brakes, side door, vents, E Track, clean trailer. **$18,000**

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1980 Fruehauf dry box, 45'x13'6", sliding tandem, 11x24.5 Budd whls., good tires & brakes, vent doors, very clean trailer, ready to go. **$8,600**

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'85 Ford F250 Super Cab, 351 auto., PB, PS, air, AM-FM, dual tanks, trans cooler, 8,800 GVW, 9,000 miles, like new. $10,995. 717-733-2873

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1968 GMC 7500 diesel truck, 33,000 license, low mileage. Parkesburg. 215-857-3460

1968 Int. 220 single axle tractor, 549 V8, 8SP Roadranger. 33' Fruehauf flat trailer, sides, bows, tarp. After 6PM, 301-343-1684.

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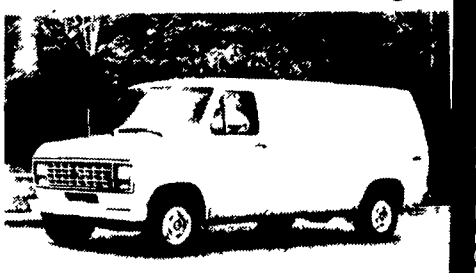

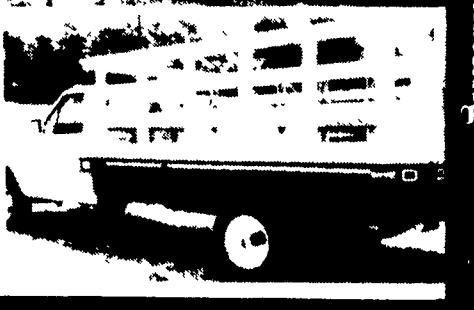

35 TRUCKS AND TRAILERS

For Sale: 1976 Mac tractor, model R686ST, 300 h.p., 5 spd., Jacobs engine brake, air dry system, 176" WB, 10.00x22 radial tires on spoke wheels, 2 color imron paint, recently rebuilt rears, clean. Asking $12,500 215-723-3764. Ask For John.

For Sale: '56 Ford F350 ton truck w/292 4 spd. trans., good condition. Call evenings. 215-682-6621

1973 40' Fontaine drop deck trailer; 1972 42' Timpte spread axle trailer, refrigerated without unit; 1967 4WD Jeep for parts. 717-653-9175.

1974 GMC single axle tractor, 10 spd., 238 Detroit diesel, very good condition. 717-532-9271 or 717-532-6257

For Sale: '64 Dodge Hay truck, 14' bed, 9' over cab rack, good engine, truck needs little work. $350. 814-627-5149.

1976 1800 Loadstar Int., 10 wheeler, new 446 gas engine, 5 spd. trans, 2 spd. axle, 16' grain body, 22 ton hoist, excellent 10.00 rubber, unit is sound. R.K Vogt. 717-653-2510

FOR SALE: 1960 Ford stake body truck, 14' bed, dual wheels, 8 cylinder, 4SP trans. 717-665-6220

For Sale: 1976 C65 long wheel base truck, good condition. 717-545-3948 after 6 p.m.

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NEED CASH? We buy unwanted trucks and parts, scrap aluminum of any kind. Wrecked dumps, vans, flats, tank trailers, etc Call 215-944-9871.

'86 GMC 2500 HD ¾ ton 4x4, 350 4 spd., PS, PB, dual tanks, lock out hubs, 8,600 GVW, 15,000 miles, like new, $10,995. 717-733-2873

For Sale: '73 Ford 4x4 pickup w/new Myers snow plow, 4 spd., 360 engine, new radial tires. Call evenings. 215-682-6621

For Sale: '70 Ford 200 Econoline Van, 302 engine, standard 3 spd., new paint, ready to go Call evenings. 215-682-6621

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'83 Chevy 1 ton dually, 454, 4 spd., twin tanks, $8,950.; New 1986 livestock gooseneck, 7' high x 7' wide x 24' long w/fully enclosed nose, $4,950.; 40' Wilson Pot, roof needs repaired, $1,950.; 40' Fruehauf high ceiling aluminum livestock straight trailer, hauls over 20 horses, $2,950.; '69 White truck tractor for parts, 13 spd Road Ranger, twin screw, 250 Cummins, $1,800. Gettysburg, Pa. 717-334-7724

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Trailmobile 40' grain trailer, 4' sides, tarp & bows. 609-259-2413 after 6 p.m.

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'70 Ford W1000, twin screw, 250 Cummins, 10 spd. on radials, good condition.

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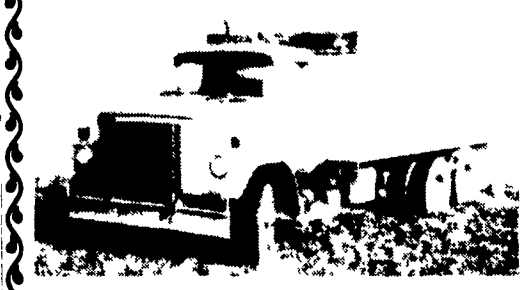

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1984 Chevy K10, 4x4, V8, Auto., PS, PB, Short Bed, Gold Beauty... **$10,995**	1979 GMC C-2500, 4x4, Pickup, V8, 4 Speed, Factory Air, PS, PB, AM-FM... **$7,495**	1985 Ford Bronco, 4x4, 2 Tone Paint, Auto., PS, PB, Air, AM-FM Stereo, Must See - Like New... **$13,495**	1979 Ford F250, 4x4, V8, 4 Speed, PS, PB, XL Pkg., One-Of-A-Kind, 34,000 Orig. Miles... **MUST SEE!**
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1979 Chevy K10, 4x4, Auto., PS, PB, V8, Dual Tanks, Runs on LP or Reg. Gas. Need Driving Range? - This Is It!!!... **$6,995**	• 2x4's, 4x4's, Pickups, Vans, Suburbans, Broncos Blazers, Jeeps...From $995! • 6 Month, 6,000 Mile Limited Warranty On All* Vehicles - Reconditioned Inspected and Ready To Go! • Many More Not Listed - We May Have What You're Looking For - Call Our "800" Number * Unless Specified Otherwise		1979 Dodge Adventurer Window Van, 12 Pass., V8, Auto., PS, PB, Runs Fine - Sold "As Is" Only - 2 To Choose From... **$2,495**

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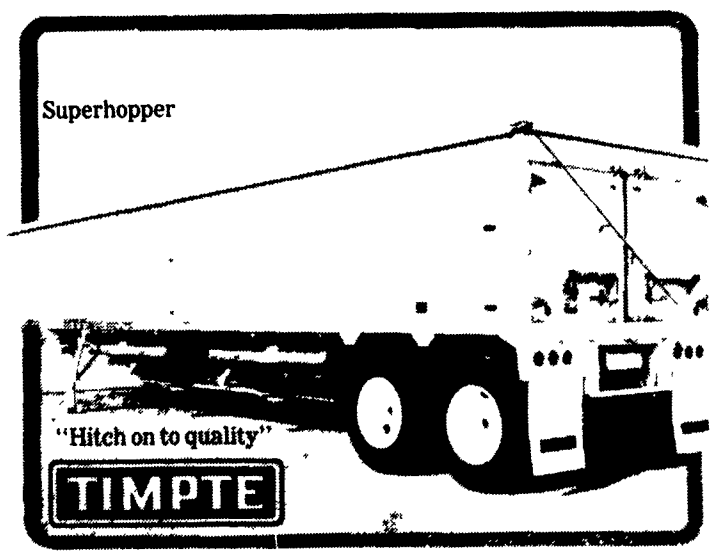

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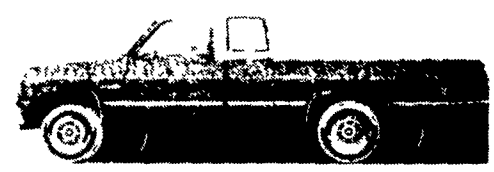

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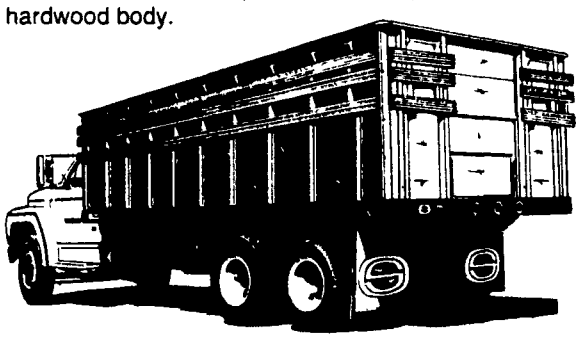

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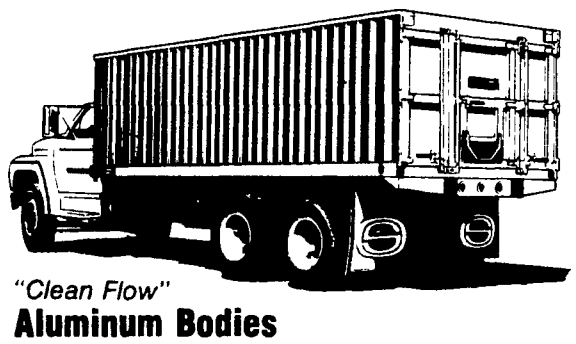

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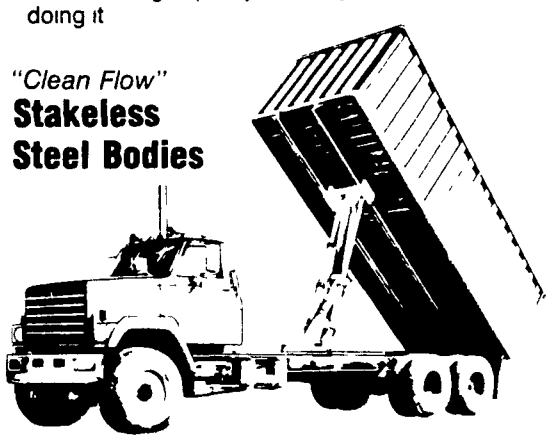

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For Sale by owner Near Chambersburg, 35 or 48 acres, beautiful building sites, fantastic view, 1475' road frontage. Also, good for farming 717-263-8253

For Sale by owner Near Chambersburg, 5 to 85 acres with 4 bedroom stone & aluminum siding house, 48x72' pole shed, barn Road frontage, public sewer & water 717-263-8253

For Sale Productive 98 acre hog farm breeding to market operation, large 9 bedroom remodeled farmhouse ERA Brownstone Real Estate 717-273-9366

For Sale Well established layer farm, housing 60,000 hens, fully automated, perfect location to markets ERA Brownstone Real Estate 717-273-9366

FREE CATALOG! Describing numerous PA farms, camps, acreage, cottages, homes and businesses Write Dept LF, WEST REAL ESTATE AGENCY, INC, 5528 William Flynn Highway, Gibsonia, PA 15044 412-443-1200, IN PA 1-800-922-1235

If you're looking for a farm, land or have any other real estate needs, you'll find what you want in the Real Estate classifieds 717-394-3047 or 717-626-1164

Northern NY Dairy Farm, 100 acres, all open & tillable, $'95,000 Cattle, Equip. & Real Estate, $150,000 315-328-4646

WANTED: Ten acres more or less in Octorara School District to build small farmette 301-658-2699

WAYNE COUNTY: Several excellent fruit and open land farms Some with fresh fruit, fruit stands, cold storages, homes and barns Various price ranges Possible owner financing RALPH VERBRIDGE 315-589-8015 RICHARDSON REALTY 315-589-4848

36 REAL ESTATE

83 Acre Beef or Horse Farm in Schuyler County. Two story barn, 2 bay heated shop with machinery storage, lovely remodeled 4 bedroom house, $62,500. Call Century 21, The Lane Agency, 607-776-7682.

88 ACRE CUMBERLAND COUNTY DAIRY FARM: 100 free stalls w/ computerized feeding, double six parlor, three silos, manure storage. Three-car garage and restored stone house. John B. Niesley, R/E, 717-243-7575 (before 8, after 5).

YORK COUNTY: 100± acres, house, barn, apple storage building, small stream, road frontage, subdivision possibilities, $195,000. Anchor Realty, 717-225-3643.

FREE CATALOG
956 Farms, Homes & Businesses in 15 States
American Farm Digest
3546 Watson Rd.
St. Louis, MO 63139
800-325-9943

For Rent
164 Acre Limestone Dairy Farm. Large stone dwelling, $1,500 per month.
Carlisle, PA
Call
717-243-6195
9 AM - 5 PM

YATES COUNTY NEW YORK
North of Penn Yan, in the heart of the Finger Lakes. The best vegetable soil in the area. 119 acres - some woods and some muck land. Fix up farm house and small barns. City water. Call on 120A.
Century 21
Four Seasons
Penn Yan
315-536-7456

FARMS FOR SALE
Near Oxford, PA
Chester County
136 Acre dairy farm, over 100 acres tillable Amish neighbors Large farm house extra nice, large dairy barn Make 2 farms
63 Acre dairy farm, 50 tillable, 30 cow stanchions Amish nearby 8 room house, dairy barn.
180 acre dairy farm, 150 tillable
York Co.
Near Dover, PA
160 Acre general farm, house, barn, outbuildings. Nice level long fields, large amount of road frontage
Lancaster Co., Quarryville Area
73 Acres 44 acres tillable, meadow, stream, no buildings
Lebanon Co.
94 Acre general farm, 65 tillable, meadow, stream, less than $2,500 an acre
House For Sale
In Lancaster
547 S. Prince Street
7 rooms, bath, off street parking, lawn, garden, house in good condition
Maurice E.
Lehman, Broker
Lancaster
717-394-2460
Daniel E. Snader, Agent
Leola
717 656-7789

Wanted to Rent or rent w/option to buy. Dairy farm in Northampton or Eastern Lehigh County. 215-759-8249 after 6:00 PM.

144 acre dairy: bank barn w/72 free stall barn attached, 3 silos, 4BR house, sheds, garage, productive land; OR 219 acre dairy: bank barn, silo, sheds, garage, 4BR house, quality land. One for $350,000. Montour Co. 717-437-2067.

DO YOU REALLY WANT TO SELL YOUR FARM?
For personal service, contact
Van Cleve Real Estate
915 Mondale Rd., Lancaster, PA 17601
Phone **717-392-3032**

ATTENTION
Dairy and Beef Farms Available in Butler and Mercer Counties
160 to 1000 acres
Call Art Miller or Jerry Schaefer at 412-287-0771.
COLDWELL BANKER COLLINS REALTY

FOR RENT
150 Acre Lebanon Co. Dairy Farm. 70 comfort stalls, pipeline milker.
717-949-3191
if no answer
717-949-2224

FOR SALE
Steuben County, NY 204 acre dairy farm, 40 tie stalls, pipeline, tank/washer, 2 concrete silos/unloaders, (1) bunker silo, (2) machine sheds, 5 bedroom home. Complete w/all cattle & excellent line of equipment. $225,000.
607-359-2674
Evenings
After 7 p.m.

ESTATE AUCTIONS of TWO MOBILE HOMES
Saturday, December 20, 1986
11 a.m.: G C Klales Est -1985 "Peerless" unit 14x40', 2BR w/many extras Lived in only two weeks "A" title. Can be seen at John's Homes on Rt 30 at Ronks, PA, during regular business hours.
2 p.m.: Hamilton Bank guardian for Patricia Lusby-1978 Schult 14x70', 2 large bedrooms "Homestead" model w/4'x11' tip-out. Located on lot K-18, Iroquois Road, Indian Run Village, ¼ mi N of Rt 82 from the 82 and 322 intersection (between Downingtown and Honey Brook) Inspection 2-5 30 p m Sunday, December 14, and Wednesday, December 13
TERMS: 25% CASH or Equivalent deposit at "KNOCKDOWN" 30 day settlement No land included in sales All transfer costs and any taxes to the buyers
—Autioneer—
J M BOSWELL,
CAI #AU-085-L
215-692-2226
— — Clip and Save · — —

110 Acre dairy farm, Bedford Co. Also, livestock & equipment available. 814-766-3547.

115 acre farm, Northern Berks Co., frame house, barn & outbuildings. For more information call: Horning Farm Agency, Inc. 215-286-5183

118 Acre operating dairy farm, excellent alfalfa land, 2 homes, many options, price nego. Eli J Mast, R2, Box 253-B, Dundee, N.Y. 14837.

LANCASTER COUNTY
BELOW THE BUCK
68 acre dairy farm, bank barn, separate block dairy barn, milkhouse, corn barn, silo, meadow w/stream, ground very productive, no stones, 11 room frame house, insulated, oil base board heat, 3 ceramic baths, storm windows, most all buildings have Peach Bottom slate roof, 2 car garage w/auto. overhead door. Also available 4 room tenant house.
For Sale By Owner. No Brokers.
For Sale This Month Only.
717-548-2702

CHRISTIAN M. MOSEMANN
Real Estate Broker
James L. Marsh
717-529-2678
Marlin Kreider
717-627-8244

SNYDER CO.
New Listing - Lots from 15 acres & up at only $1100 per acre Near Lake Walker
FRANKLIN CO.
New Listing - 365 Acres General Farm. Fannett Twp Deep slate soil, 200 acres tillable, 50 acres pasture, rest woodland, cabin, barn, 4 BR home
BERKS CO.
New Listing in Oley Valley, 175 Acres.
159 Acre Dairy Farm - 1 Dwelling with modern conveniences and 1 tenant dwelling, dairy bank barn with 47 stanchions & tie stalls, 18x20 feed storage two 10x40 tile silos, loafing barn 40x20, One old fashioned brick 2 story Grist Mill in fair condition, all the mechanisms are intact, with minor repairs it is ready to go 120 acres tillable 5 acres wooded, 25 pasture w/stream just east of Shoemakersville on 662 Zoned Residential, Agricultural Commercial Industrial
New Listing - 117 acre dairy N of Myerstown Large house w/conveniences Coal furnace 42 stalls 18x70 & 12x bulk milk tank, 4 Unit pipeline manure storage building 85 acres tillable
UNDER AGREEMENT
PERRY CO.
61 Acres, mostly wooded along Rt 850 E of Kistler
130 Acres, frontage on Rt 17 N of Kistler 55 acres tillable remainder woodland Good hunting and fishing area
LEBANON CO.
152 Acre Dairy, NE of Hershey 80 free stall Herringbone milking parlor silo bulk milk tank 5 BR dwelling w/conveniences
New Listing - 94 Acre Dairy, large double home, each side has 4 BRs, one fireplace with stove insert 65 Acres tillable pasture with some woodland N of Annville
60 Acre Hog Farm - Reduced to sell Dairy & hog farm with dwelling
CUMBERLAND CO.
New Dairy 112 Ac Large 4 BR dwelling, 35 tie stalls, 500 gal tank gutter cleaner silo w/Clay unloader 97 ac tillable balance pasture w/stream & woodland
NEW LISTING - 160 Ac N of Shippensburg 52 stanchions pipeline gutter cleaner bulk milk tank, 2 silos brick 4 BR 2½ story dwelling w/modern conveniences stream in the meadow
New Listing -60 A General farm north of Shippensburg 4 BR & bath log & frame house oil hot air heat, 40x36 barn attached shed 12x24 40 Acres tillable balance wooded
COMMERCIALS
25 Acres - Lot Lanc Co Rheems exit

CHRISTIAN M. MOSEMANN
734 Main St., Akron, PA 17501
PH: 717-859-1004
24 Hour Service

3 acre wooded lot, Lanc. Co., Rapho Township, Wisegarver Rd. Asking $29,500. 717-564-1478

65 Acre farm located between Myerstown and I-78. 62 tillable acres. Very nice farmhouse and outbuildings. Frontage on 2 paved roads, $200,000. Call Ken Cehris, RE/MAX Realtors, 215-670-2770.

KEY
REAL ESTATE, REALTORS
Hanover
Gettysburg
York and
Westminster
Starter Farm
Suitable for dairy, beef, horses, sheep 9,000 Sq ft barn with 77 free stalls, 25 tie stalls Large 18 room home, 2 open stairways, several fireplaces Juniata County with 10½ acres $45,000. Additional land available (L-5286-15)
717-632-6400

DAIRY FARM FOR RENT
Southern Lancaster County, 170 acres, 90 tillable, large pasture, 48 stanchion barn. Will money rent, your cows or share crop w/my cows. Must have own machinery & prefer tractor equipment.
Reply to:
Lancaster Farming
P.O. Box 366 L-116
Lititz, PA 17543

112 ACRE FARM FOR SALE
Approx. 60 tillable acres, never failing springs supply water for house & barn. Large house, and barn, 12x40 stave silo, and other buildings. Asking $95,000.00. For more information write.
Lester M. Brubaker
R.D. 1 Box 226
Mt. Pleasant Mills, Pa. 17853
Located ¼ mile west of Meiserville off Rt. 104.

new pennsylvania realty, inc.
717-386-5000
BERKS COUNTY DAIRY
106 Acre (m/l) Dairy Farm w/48 Stalls, Pipeline, Bulk Tank, Silos w/Bunk Feeder, Large Free Stall Barn, Equipment Shed. This is a good farm in a nice area - location: RD 1, Myerstown.
CALL CARL JOHNSON - 215-367-6160

FARM FOR SALE
124 Acres in Hopewell Twp., Cumberland Co. Includes 40 Tie Stalls, Calf & Heifer Barn Three Silos And Nice Home.
Call For Farm Inspection:
(717) 423-5490
Call Omar For More Information:
(717) 354-6066 - 7 AM to 5 PM

Cumberland County
Showplace, 56 acres, very good buildings, brick house, modern barn, new implement shed, stream & woods What more do you want! Only $97,500
FARM & HOME REAL ESTATE
East Petersburg, PA
717-569-3992

Sylvester Baum	Ron Shank	Harlan Keener
Carlisle	Leola	Willow Street
717-776-3967	717-656-9456	717-464-2669

Broker - J. Irvin Denlinger
717-898-8962

CAYUGA CO., N.Y.
101 Acre farm, 10 room home, 30x60 garage, 40x100 dairy barn with 34 stanchions, 65 acres tillable, 25 acres pasture, 10 acres of woods, 2 artesian wells Selling with 29 head of Holstein & Hereford cattle, 2 tractors, wagons, plows, chopper, blower, haybine, gutter cleaner, silo & other equipment $145,000
BROWN REAL ESTATE
PO Box 949
Weedsport, N.Y. 13166
315-834-6345
For appointment,
Lucille Hurd,
Salesperson
315-626-6744

170A. modern equipped dairy farm with 46 tiestalls. Large house, and other out buildings. $254,000. Call Phil Ruegg, Realtor, 717-249-7444.

SHEETZ REAL ESTATE RAY N. WILEY INC.
323 W. Main St.
Mount Joy, PA
CALL 653-1481
FARM LISTINGS NEEDED
Farm Salesman - Eugene Kreider

NORTHEASTERN LANCASTER CO.
HORSE or BEEF FARM
Approximately 87 acres of land available, 15A of fenced pasture, 58A tillable and a 3A lake. Present owner will take back 29 acres, leaving 35 acres surrounding the stone home, plus eight (2 acre) lots already subdivided and perked. All outbuildings in good condition, barnyard fenced and concreted. Don't delay, call today for details.
HOFFER & ASSOC.
9 West Main St.
Ephrata, PA 17522
Century 21
717-738-4261
717-626-4821

FARM NEEDED
Exc. young farmer w/family wishes to rent, lease, buy or sales agreement on mid to large grain operation. Has line of large modern equip. and equity. Needs grain & machine storage. Has references. Would prefer hog or cattle operation (not necessary). No development pressure wanted. Southern York area preferred. Will travel anywhere for right farm. Please call
717-244-8761 or write
Terry Sunday
RD 1, Box 450
Red Lion, PA 17356

FOR SALE OR LEASE
Established Agriculture Business
Located in the heart of Morrison Cove, two miles south of Martinsburg, Penn. Consisting of 1.6 acres of ground, which includes 3 warehouses and a garage of a total of 19,000 sq. ft.
Fertilizer Equipment Available. Plus Other Equipment.
Excellent Location and Facilities.
Call For Other Possible Arrangements
Phone 814-793-2118

Juniata County
44 Acre Gentleman's Farm - 32 tillable, 8 pasture with stream, 4 acres woodland. 32x80 Bank Barn; 30x48 Metal Storage Shed; 2-car Garage; 7 room aluminum-sided home. All buildings in A-1 condition. 7 miles from Interstate 322 off the Thompsontown Exit. Approximately ½ mile of public road frontage. Asking $98,000.00. Local Agent Clair R. Benner, 717-444-2162.
Green Acres Realty Co.
Corner of 4th & Walnut Sts.
Newport, PA
Phone: **717-567-3312**

LOOKING FOR A NEW YORK FARM
Retired owner reduces price for quick sale. A real showplace. Everything in top condition. Insulated freestall barn, warm in winter, cool in summer. 216 stalls, double 8 parlor, 3,000 gal. tank, several silos, 3 houses, top location. 600 acres, 300 tillable, flat big fields. You won't buy a better farm for this price $400,000. That's less than $2,000 per cow.
Posson Realty
Norwich, NY
607-334-9727

FOR SALE BY OWNER

257 acre farm in New York's Southern tier. 160 acres tillable, new 86x136 barn, new 26x40 heated shop, silage storage for 1,000 ton, large partially remodeled farmhouse, free gas. $150,000.

Andover, New York
607-478-8934

FAMILY DAIRY CLASSIC

Truly a showplace in every category with special private setting & quality. 230 acres, 130 tillable finest loam soils w/exc. drainage. Grows super alfalfa in large level fields. Beautiful modern tie stall barn for 90 head w/pipeline, liquid manure system, 2 silos. Exc. machinery buildings. Colonial home is immaculate w/4 bedrooms, massive stone fireplace, beautiful living areas w/large picture windows. Owners are meticulous in all phases of their operation! $275,000 with owner terms for strongest candidates. Registered Holstein dairy & superb A-1 machinery line up available.

Farm and Rural Property Specialists
Homestead Realty
Auriesville Road RD 1
Fultonville, NY 12072

(518) 922-6301 OR (518) 922-8899

PERFECT ENTERPRISE adjoining State Land 6 refurbished Cabins w/Range, Refrig & Sink Also partially completed Residence on 5 3 acres in Pine Creek Valley $65,000 W-1171

LOG CABIN CAMP. Hills Creek area Excellent hunting & fishing nearby State lands only about 2 miles away Convenient, but quiet location, $14,900 W-1134

3 APT. UNIT - Concrete bsmt , new furnace, remodeling completed, 3 bay carport, nice yard 2-1 bdrm apts & 1 efficiency apt $29,900 W 884

11.24 ACRES WITH A VIEW. Gentle sloping lot with lots of Twsp road frontage, good hunting & snowmobiling Build your camp here Chatham Twsp $8,950 W-1168

INVESTMENT PROPERTY Roomy 2 story w/Living Rm Kit , 5 bdrms & 1½ baths Previously 2 unit could easily be converted back to 2 unit Located on quiet street in small village, $20,500 W-1147

Century 21
THE REAL ESTATERS OF WELLSBORO
"Serving Tioga & Potter Counties"
East Ave., Wellsboro, PA 16901
717-724-5921
Call or write for free list.

WANT TO RENT - FARM LAND IMMEDIATE CASH

Wanted - farm crop land, 40 or more acres of prime tillable acreage, level and reasonably free of stones. Will pay premium cash rent per acres - 3 year minimum lease required.
Call between 8-5 pm
717-898-7002 ask for Bob or Ben

So. Northumberland Co.
& Surrounding Counties-

No Money Down. 44 acres, 2 homes & barn, 20 tillable. $89,000. Call Peter.

No Down. 33 acres, 10 tillable, balance wooded against mountain $1,500/acre. Call Peter.

No Down. 100 acres, 75 tillable, prime land, $1,500/acre. call Peter.

No Down. 75 acres, well-maintained Christmas tree farm 45,000 trees 1-4 yrs. old, $1,500/acre. Call Peter.

181 Ac. Beef Farm, 150 tillable, lge. brick home completely remodeled. Built in 1851, $275,000. This farm can be bought in smaller acreage. Call Peter.

500 Ac., 365 tillable, Grain Farm, $579,000. Call Peter.

PETER B. **CORTELYOU**
Real Estate Herndon, PA 17830
Peter B. Cortelyou, Broker 717-758-9177
Bob Yarger, Sales Assoc., 717-648-6217
George Wolfgang, Sales Assoc., 717-648-3201

FOR SALE - TIOGA COUNTY DAIRY FARM

200 Ac., 120 tillable, mostly alfalfa ground, 50 Tie stalls, 2" Delaval System, Pipeline, Long sealed silo and concrete stave silo. 2-family house, 6 mi. South of Wellsboro. Your's for only $169,000 - $150,000.00 assumable 5% mortgage to qualified buyer. Cows and equipment also available. M-924

FARMETTE IN CHARLESTON TWP. Good house & barn. New addition with 30 stalls, and good barn cleaner. Bulk tank and some milking equipment. Excellent for horses, beef, or dairy. 8.8 acres, tillable & pasture. Just - $37,500.00 M-809.

THE Real Estaters of MANSFIELD
REALTOR
RD #1, Box 55 • Mansfield, PA 16933
717-662-2138 717-662-2363

105 Acre Lancaster Co. Dairy Farm

w/39 tie stalls, 80 acres tillable, balance in pasture along the Big Chiques Creek, in Mount Joy area. 3 silos & manure storage.

For More Details
Call:
717-653-4023

FOR SALE

4 Bedroom house w/2 car garage & small barn situated on 95 acres in the Hammonsport Area of New York State. Small pond & fenced pasture - 40 acres wooded, 45 tillable - small hunting cabin - low taxes. Asking ~~$81,500~~ $71,500

215-298-3202

FOR SALE

Prime river bottom ground
In Clinton Co.

Parcel #1: 120 acres including drainage tile (AB1, ATP125 reel system) available. Underground irrigation main. 4BR frame house, barn (green tomato packing shed), planted in winter wheat. Available now.

Parcel #2: 89 acres, 5BR remodeled house, large barn w/truck bays (great equipment repair facility), grain facilities including (24,000 bu. dry and 25x90 Harvestore), MC-665 continuous flow grain dryer. Available now.

717-748-2563

For Sale: 102 Acre Farm

About 75 tillable, 12 acres woods. Remaining pasture with stream under cultivation. New implement shed 30x70, house, barn. 3 miles from Penn National, 12 miles from Harrisburg. $250,000.

Call **717-469-0705**
after 6:00 P.M.

5 AC. FARMETTE 3 bedrooms, 2 story & a barn $39,950 OR, 15 Ac farmette, new 5 BR bi-level (possible 2 family) 3 baths, shop $78,500 (M1765,1761)

VICTORIAN beautiful condition, 3 baths, near college $59,500 (M1752)

3 APARTMENT, 2 story, good repairs, small town, $27,900 (M1751)

68 ACRES mostly woods, nr town $30,900. (M1749)

TRAILER PARK 20 sites, 3 BR home, 2 cr. garage, $98,500, good income stream (M1744)

CAMP/RETREAT on 22 25 ac w/stream, all utilities $18,000 (M1734)

FREE LISTS - CALL/WRITE
ERA-Homestead Realty
267 S. Main St.
Mansfield, PA 16933
717/662-3287

DULPLEX 2 BR & 3 BR small village, low taxes, remodeled $24,500 (W1036)

UNBELIEVABLE VIEWS overlooking lake, 1 5 Ac , 3 BR rancher, full basement Low taxes $25,000 (W1031)

6-1 ACRE lots near Federal Lake/Park $2,500 ea (W1029)

2.35 AC. private, drilled well, new septic, near State Land $8,800 (W1010)

FARMETTE - 3 BR, 1½ baths, ranch/garage/basement on 17 private acres $52,000 (W1002)

FARMHOUSE - original, 5 BR, lg barn, garage, near town, lovely setting, low taxes $59,500 (W995)

9.64 ACRES, views, private, ½ woods $7,500 (W981)

HORSE FARM - indoor arena, stables, barn, 3 BR farmhouse, tenant house, 19 ac. $108,500.

FREE LISTS
ERA-Homestead Realty
23 E. Ave.
Wellsboro, PA 16901
717/724-7161

AFFORDABLE 15 acres, surveyed, spring, open/woods Great place to build Privacy $6,000 (D508)

SPORTING GOODS STORE - fixtures & inventory, main road location, 2 apartments, plus smaller attached store $95,000 (D501)

FARMETTE - 65 acres, house nestled in hillside, mostly tillable Ideal for sheep or beef. No Potter Co $65,000 (D499)

OPERATING DAIRY - plus jug milk operation. 140 ac , 110 cow barn, 3 BR home, workshop/garage Farm of your dreams $275,000 (D489)

RESTAURANT - Great going business. All fixtures & equipment, 8 full time help, paved parking, situated in Tioga Co on main highway. $135,000 (D502)

CALL FOR FREE LISTS
ERA-Homestead Realty
168 W. Main St.
Westfield, PA 16950
814/367-2222

ERA

TIS THE SEASON

If you want to give your family a lasting gift, consider approximately ONE ACRE of LAND, an attractive DWELLING with VINYL SIDING, 2 BATHS, and an economical COAL STOKER, plus... a very nice BARN for only $39,000 in Sacramento, Pa.

or consider FIVE plus ACRES partially WOODED LAND, and 8-ROOM DWELLING with BATH and ELECTRIC HEAT for only $25,000. in the Dalmatia area close to Susquehanna River, excellent hunting and fishing.

GEORGE N. DEIBERT REAL ESTATE

A. Deibert, Associate Broker
(717) 425-3313

L. Lupold, Sales Associate
(717) 682-9494

Thank You!!

As the end of another year approaches we wish to express our gratitude to you, our farm friends, for the relationship we have with you!!

To keep you informed of recent activity; we presently have the following properties under agreement.

		Original List Price
1. 110 Ac.	Lanc. Co.	$795,000.
2. 202 Ac.	Cumb. Co.	$425,000.
3. 316 Ac.	Perry Co.	$630,000.
4. 342 Ac.	Bedford Co.	$495,000.
5. 3 Ac. Broiler,	Lanc.	$220,000.
6. 24 A.	Ind. Lanc.	$480,000.

As you can see we do need some new farm listings! Why not call (or write) today for a free consultation on your farm needs?

May you & yours be blessed & discover anew the true meaning of Christmas.

What is the real meaning?? Well, it does seem strange that we go all out "Commercially" for Christmas and seem to forget that this baby was born to die for all of us on what we call "Good Friday". Think about it - How much do you hear about it? Oh Yes Easter!!

P.S. Don't forget to call for a brochure on that beautiful Lebanon Co. Dairy Farm. See Last Wk.

Mahlon Oberholtzer
Real Estate Agency
Smoketown **717-392-1177**

FOR SALE BY OWNER

167 acre northeast Pennsylvania modern dairy farm. Mostly tillable w/2 houses, nearly new free stall & dry cow facility, 4 silos w/unloaders, automatic feeding, double 6 totally automated parlor, 1500 gal. bulk tank, large new machine shed, 150 head of cattle, some machinery included.

717-222-4432

CENTRAL NEW YORK

400 Acre dairy farm with large free stall barn, silos, outbuildings, shop, milking facilities plus feed lot. 4 Modern houses, rental units, in-ground swimming pool, ponds, streams, gravel bed & woods. Suitable for development.

315-673-2128, Owner

MORRISONS COVE, BLAIR COUNTY

Modern Dairy, 116 acres w/97 tillable limestone soil, facilities for 50 plus cows. Bunk feeder, heifer barn, manure storage, large 2 story shed, 2 silos, excellent remodeled 7 room limestone house, and 12x50 mobile home. 46 cows including 15 first calf heifers w/17,600 herd average. Equipment Available.

Call after 6 p.m.

814-832-2809

Real Estate Wanted FARMETTES

Wanted: 5 or more acre farmettes, in Cumberland, Dauphin, Perry or Northern York Counties.

Contact:

CENTURY 21 Breneman

717-761-5494

LEBANON COUNTY!

Very nice operating orchard - 31 acres (m/l) with 17 acres tillable. Top of the line soils, 6½ acres of fruit trees. Bank barn for storage. 24x28' block building to merchandise fruit. Plus, a 4 bedroom remodeled farm home, very good condition, clean and neat...nice income producing property.

THIS IS ONE TO SEE!!

RICH BRANDT FARM REAL ESTATE
2230 5th St. Highway, Reading, PA 19605
(717) 274-3622 - office - (215) 378-1122

SANFORD G. LEAMAN, REALTOR

717-569-4264
Auctioneer
ESTATES • APPRAISALS • LIQUIDATIONS
101 White Oak Dr., Lancaster, PA 17601

NEW LISTINGS

JUNIATA CO
70 Acre Farm with excellent soil very good modern house no barn Near Juniata River and state game lands Would make good country home Call Dick Crawford at 717 734 3673 for more information

LYCOMING CO
178 Acre Modern Dairy Farm with 3 pipeline 2 bulk tanks stanchion and free stalls Good spring pond Excellent state of cultivation Some assumable FmHa money if you qualify Four bedroom house with modern kitchen Call Sandy at 717 569 4264

JUNIATA CO
115 Acre dairy farm 47 tie stalls gutter cleaner milk tank 3 silos and other farm buildings Large modern farm house never failing stream Located along hard surface township road For more information or appointment to see call Dick Crawford at 717 734 3673

BEDFORD CO
Large 640 Acre modern dairy operation Double 8 Surge milking parlor 54 stanchions 135 free stalls and lose housing for 70 plus cows 6 silos 3 sets of buildings with modern implement sheds ponds road frontage and houses This operation is ideal as a family operation or a syndication Call Sandy Leaman at 717 569 4264 or Ernest Holsopple at 814 479 7682

BRADFORD CO
A modern 40 stall dairy barn with lots of extras in the feature of this 78 acre farm located in Bradford County It also includes a second barn machinery shed garage and a nicely remodeled farmhouse If interested call Barbara LaMont at 717 297 2619

434 Acre modern dairy with 220 tillable marketable timber on 140 acres There is a 68 tie comfort stall barn 3 modern silos and two small tile for oats etc Plenty of young stock area Land is excellent and lays nice Call Barbara Lamont at 717 297 2619

SNYDER CO
232 Acre modern dairy with 2 sets of buildings lots of silos new implement shed Can be bought separately as a 100 acre farm or a 132 acre farm Call Sandy Leaman for a breakdown and separate pricing

LANCASTER CO
94 Acre beef or horse farm close to Lancaster Old stone house circa 1820 Call Sandy Leaman at 717 569 4264

153 Acre fruit farm with apples plums cherries peaches strawberries blueberries etc Just Listed Call Sanford Leaman at 717 569 4264 for all details

ROTHSVILLE
5 Acres with barn house and out buildings Ideal horse farm $160 000 More acreage available Call Sandy Leaman at 717 569 4264 or Pat Kauffman at 717 896 8958

LYCOMING CO
Large farm no barn older houses stream and very private Call Fred Clark at 717 523 7201 This one could make an ideal nursery and/or Xmas tree farm Sloped right for it

CLINTON CO
Amish area of Mill Hall Steer and hog farm 80 acres mostly all tillable See it today Call Ken Young at 717 426 1098

Near Mill Hall is an excellent beef farm with 77 acres and most all tillable and in the Amish section Call Ken Young at 717 426 1098

PERRY CO
Located in Perry County is this 168 acre farm Back a grassy lane lined with trees is 96 tillable acres that have been kept mowed Stream runs through property Early 1800 s stone home Have your own country estate with this park like setting Call Pat Kauffman at 717 896 8958 to see

Executive Colonial brick farm house Restored and modernized in a delightful manor There is a total of 180 acres large bank barn 57 acres of woodland other out buildings that have many uses This fine farm is a must for the beef farmer sheep farmer or just a great place to live and rent the land out Sandy at 717 569 4264

TIOGA CO
Nestled in the mountains of Tioga County is this modern 46 cow dairy farm with 400 acres of flat to rolling land It includes four machinery sheds garage tenant house and a beautiful farmhouse If interested call Barbara LaMont at 717 297 2619

Union Co
White Deer Township Very desirable mountain property with 27 acres and a cabin Phone and electric to cabin Near state game land and excellent trout stream forest and water Access road to property Call Fred Clark at 717 523 7201 for more information

"We Serve Your Farm Needs"
Call

BERKS CHESTER AND MONTGOMERY COUNTIES CALL DAN MESSNER AT 215 286 2971
YORK ADAMS SOUTHERN CUMBERLAND AND FRANKLIN COUNTIES CALL JERRY K STERN AT 717 246-1471
SOMERSET CAMBRIA BLAIR HUNTINGDON AND FULTON COUNTIES CALL ERNEST HOLSOPPLE AT 814 479 7682
UNION AND MONTOUR COUNTIES CALL FRED CLARK AT 717 523 7201
COLUMBIA AND NORTHUMBERLAND COUNTIES CALL PAUL PETE ZEISLOFT AT 717 437 2305
LANCASTER COUNTY CALL KEN YOUNG 717 426 1098 OR SANDY LEAMAN 717 437 2305
DAUPHIN COUNTY CALL PAT KAUFFMAN 717 896-8958
BRADFORD COUNTY AND LYCOMING COUNTY CALL BARBARA LAMONT 717 297 2619
JUNIATA, PERRY FRANKLIN COUNTIES CALL RICHARD B CRAWFORD 717 734 3673

CENTRAL PA FARM LISTINGS

BLAIR COUNTY

GENERAL FARM - 175 acres (140 tillable, 33 woodland, 2 site) of relatively productive ground, 2½ story house, bank barn Williamsburg area $139,500

DAIRY FARM - 188 acres (158 tillable, 18 pasture, 10 woodland, 2 site), sound 2 story house bank barn with free-stall attachment, 16' x 60' and 18' x 60' silos, bulk tank, pond, small stream, nice laying productive limestone ground Located in Sinking Valley $275,000

GRAIN FARM - 215 acres (160 tillable, 12 pasture, 41 woodland, 2 site) excellent 2½ story house, bank barn, 5 steel grain bins (39,000 bushel total storage capacity), wet holding bin, automatic batch grain dryer, tenant house, pond Large grain base with considerable good leased land available Located in Sinking Valley $347,500

GENERAL FARM - 245 acres (171 tillable, 8 pasture, 66 woodland and site area), sound 2-story brick house tenant house, 2-story bank barn (all steel and cement), productive land all continguous with buildings Tyrone area $277,500

CLINTON COUNTY

GENTLEMAN FARM - Approximately 47 acres (23 tillable, 22 pasture and woodland, 2 site acres) with a very well-built 1,800-square-foot ranch home with 2-car garage, tenant house, and bank barn Salona area $119,500

FARM - 117 acres (95 tillable, 20 woodland, 2 site), substantial road frontage 2½ story dwelling, bank barn several outbuildings This farm is included in a dairy herd buy-out program (no dairy animals permitted on farm until 1991) $147,000

CENTRE COUNTY

(NEW LISTING) LIMITED ACREAGE DAIRY FARM - 43 7 acres (17 tillable, balance pasture), 2 story stone and frame house, modern 36'x172' dairy barn with 60 tie stalls, milk house, pipeline, 800-gallon bulk tank 20'x72' Star sealed silo with bottom unloader, 20'x70' silo with unloader Near Zion $94,500

FARMETTE - 47 acres (10 pasture and site area), pond, small orchard, classic 2½ story frame house, stone ice house, 2 barns, several outbuildings, beautiful setting Centre Hall $134,500

HORSE FARM - 18 acres, 3,000 square foot contemporary ranch home built in 1979, in-ground swimming pool, excellent pole-construction 42' x 72' horse barn with 11 box stalls and tack room Near Tusseyville $180,000

GENTLEMAN FARM - 85 acres (28 tillable, 55 woodland, 3 site and orchard), remodeled 2½ story home with 4 bedrooms, a 40'x54' barn, small stream, private secluded setting Additional land available 10 miles from Bellefonte near Howard $140,000

DAIRY FARM - 122 acres (97 tillable, 22 pasture, 3 site and roads), mostly Hagerstown ground, sound 2½ story house, bank barn with 34 tie stalls, 96-stall free stall barn, pipeline milker, 1,250 gallon bulk tank, 20'x60' and 14'x40' silos with unloaders, 20'x40' Harvestore (under lease) Priced at $182,500 Also available with an additional 95-acres for a total of 217 acres (130 tillable, 47 pasture, 36 woodland, 4 site and roads) and a second barn, 3 additional implement sheds and 1 silo for a total price of $247,500 Near Stormstown

GENERAL FARM - 215 acres (20 open, balance wooded), 2 story home, several pole sheds (one with horse stalls), hay shed, and several other outbuildings Secluded setting easy access, good hunting Port Matilda $135,000

FARMETTE - 17 acres (11 tillable, 5 pasture, 1 site), very nice well-maintained 2 bedroom brick ranch home 36'x52' bank barn, substantial frontage on Sinking Creek Easy access to State College Tusseyville area $89 500

HUNTINGDON COUNTY

(NEW LISTING) FARMETTE - 6½ acres with a well-maintained ranch home, excellent detached 2 car garage 20'x30' horse barn in good condition Approximately ½ of the land is wooded McConnelstown area $54,900

FARM - 119 acres (88 tillable limestone ground, 18 pasture, balance woodland and site area), beautiful stone dwelling (1822), barn, outbuildings, stone spring house, and stream flowing through the meadow Warriors Mark (21 miles from State College) $162,500

DAIRY FARM - 338 acres (202 tillable, 56 pasture and lowland, 78 woodland), sound 2 story brick house bank barn with 37 tie stalls, free stall barn with 51 stalls and bunk feeder, 20'x60' and 20'x50' silos, 15'x40' Grain o-matic silo for high moisture corn, farm shop, heifer barn, 2 implement sheds, stream frontage pipeline and bulk tank, silo unloaders, gutter cleaner Very well maintained $375,000 OWNER FINANCING

BEEF OR SHEEP FARM - 306 acres (approximately 140 tillable, 117 pasture, 47 woodland, 2 site), 1-story brick home, 2 barns, garage, 2 silos, 2 large implement sheds, excellent water supply, 3 ponds $259,500 Additional land available

RIVER BOTTOM LAND - 55 acres (45 6 tillable), frontage on old Route 22, substantial Juniata River frontage Ideal for truck crops and roadside marketing OWNER FINANCING $99 500

LYCOMING COUNTY

GENTLEMAN FARM OR LIMITED ACREAGE DAIRY FARM - 36 acres (10 tillable, balance pasture, woodland and site), very nice 2½ story home 2 story bank barn, 36'x140' dairy barn with 52 tie stalls, 20'x60' Rib-stone silo with unloader 2 very good pole buildings Additional land available Near Williamsport $107,500

COUNTRY ESTATE - 160 acres (100 tillable), plenty of road frontage, beautiful 12-room brick home built in the 1800's, large barn, several outbuildings Located a few miles west of Muncy $295,000

LIVESTOCK OR DAIRY FARM - Near Lairdsville, 270 acres (165 level, very highly productive tillable) Good 2 story house, bank barn, 60'x120 cattle barn, suitable for freestalls, 20'x60' Harvestore, 2 streams **Owner financing.** $325,000

RIVER BOTTOM FARM - 93 acres (71 tillable) excellent stone and frame house, sound implement shed, workshop building, large bank barn with 25 stanchions, 3,500 bushel grain bin, substantial Susquehanna River frontage, Class I land 10% **OWNER FINANCING.** Muncy area $250,000

RIVER BOTTOM LAND - 41 acres (38 tillable) with road frontage on Pa Route 405 This is a portion of the farm listed above 10% OWNER FINANCING $82,500

NORTHUMBERLAND COUNTY

FARMETTE OR LIMITED ACREAGE DAIRY FARM - 27 9 acres (19 tillable, balance pasture), sound 2 story home, good 1½ story Cape Cod home, bank barn with 35 stalls, implement shed Near Milton $99 500 Also available as a 22 acre unit with 1½ story house for $65,000

MANY LAND PARCELS AND FARMETTES AVAILABLE

CALL OR WRITE FOR THE FREE LIST

FARM AND LAND DEPARTMENT

Fred Strouse (814) 364-1705
(Bedford) Richard D. Reed (814) 839-4271
Don Myers (814) 422-8111

(Huntingdon) Rachel Port (814) 669-4194
Mel Rockey (814) 466-6688

Frederick J. Kissinger, Realtor
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LEHIGH COUNTY
Historic Gentleman's Farm

Beautiful 85 acre farm, ideal for horses; stone colonial farmhouse, ex. large bank barn, house and buildings are set back from main road. 16 acres fenced pasture, with stream, 2 ponds, picturesque location. This farm was the site of the 1756 famous indian raid on the George Seislauz family. Price: $245,000.

Free Brochure w/Photos Available Upon Request

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Gary Coles, Farm Broker & Appraiser
717-386-5000 or 215-398-2559
Box 123, Route One New Ringgold, PA 17960

UNION CO. $370 PER ACRE
"Adventure In Your Own Mountain"

189 Ac., frontage on Penns Creek. Opportunity for several home sites. Beautiful mountain land which borders Bald Eagle State Game Forest. Turkey & Deer hunting.

JUNIATA CO.

82 Ac. over ½ wooded, fertile fields, stream, deer hunting, frontage on Rt. 35. Priced in the sixties.

BERKS CO.

12½ acre farmette, brick 3BR home, approx. 5 acres tillable, balance pasture and woods, small barn, rural country living, minutes to Rt. 422. Priced to sell. $78,900.

LOWER BRADFORD CO.
Valley Setting

55 Ac. dairy farm, 30 stalls, pipeline, etc. 12x50 Silo, 1½ story 3 BR home, more land available, located along Rt. 514. Price reduced, mid sixties. "Tie The Cows."

LANCASTER CO.

78 Ac., 25 tillable, remainder mature woodland. Owner will subdivide into two parcels. Possible financing.

SNYDER CO.

40 Ac., 12 fertile acres, remainder woods, spring, old log house, located in a quiet scenic back country setting. 1½ hours from Lancaster. Fifties.

RICHFIELD

Economical hunting cabin on 2 acres, $19,900

BLOOMSBURG AREA

$28,500 buys 34½ acres, stream, wooded, open land, seclusion, good hunting. Minutes to I-80 and to work.

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Southern Huntingdon Co. Farms

Germany Valley

2 adjoining farms, totaling 316 acres, approx ½ tillable, has old stone house, large limestone caverns over 200' long w/underground stream coming out of ground w/trout reproducing in it Would make great recreational development or farming $850 per acre

Germany Valley Dairy Farm

With 8 room & bath brick home, 136 acres w/approx 100 acres tillable Limestone ground, 40x100' modern barn w/47 stanchions 40x72' free stall barn, pipeline milk system, 1200 gal bulk tank, 20x80' & 14x65' concrete silos w/unloaders, 40x80' & 20x60' implement building w/corn cribs along side, many other extras $195,000

Near Three Springs

Dairy farm, 175 acres w/150 acres tillable, large barn w/44 stanchions, 2 nice homes, stream & good spring on property Many other extras $285,000

Near Shirleysburg

65 acre farm w/large frame 2 story house, 50x76 barn, 16x50 concrete silo w/unloader, 60' concrete feed bunk, 2 wire corn cribs, milkhouse, bulk tank, spring fed pond $79,000

Colonial Real Estate Agency
814-447-5511

ASSUMABLE 5% MORTGAGE

200 acre "turn key" dairy operation including 60x80 stanchion barn, 24x48 corn barn, 36x50 and 36x60 implement barns, 2 pole barns attached to main dairy barn 32x48, 24x24, 12x35, and 20x60 silos. 147 acres of tillable productive loam soils Large stone house with new roof and new kitchen Located just outside Mifflintown and near Mennonite Schools. This is a great opportunity to get started in the Dairy business. Priced at just $1,345 00 per acre. Call Jeff at (717) 786-2131 or (717) 548-2469

20.2 ACRE GENTLEMAN'S FARM

100 year old log farmhouse on a partially wooded tract of land with plenty of road frontage Located in New Providence $135,000 Call (717) 786-2131.

FEED/FLOUR MILL

18 acres along State Route 624. High profit feeds and top of the line machinery. Plenty of bulk storage & bagging equipment, trucks, and existing market. Currently operating below capacity. Good existing accounts with opportunity for growth. Convenient to Maryland & Pennsylvania. Call717-464-4700.

LONG TERM POULTRY BREEDER

Contract yields $25,000 per year or more and produce income exceeds $20,000. All buildings are in very good condition. $220,000 Call 717-464-4700.

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450 Acre, Bradford County Dairy Farm

65 free stalls with parlor, 8 buildings, 3 silos, 4 bedroom house. Land is creek bottom and well drained hill ground. 4 miles of road frontage, $275,000. Excellent herd and machinery available.

Call 717-247-7928

WIMPLE ASSOCIATES
MOHAWK VALLEY

PRODUCTIVE 54 COW FARM: 253 acres of gravelly loam with 200 tillable Gently rolling Very good gable roof barn milks 54 on 2" pipeline, has 1000 gallon tank with precooler, 3 concrete silos w/unloaders, automatic feeding Heifer area Attractive Dutch Colonial home INCLUDES herd of 90 registered cattle with 19,272 DHI, 3 tractors and all machinery for $330,000 CALL WIMPLE'S SLOANSVILLE OFFICE 518-875-6355

COOPERSTOWN AREA

HIDDEN ESTATE: looking privacy??? Drive back into this 155 acre farm that is at the end of a maintained lane, no neighbors 40 acres of good woods and the rest is mostly alfalfa meadow At tractive, but simple 10 room home with hot water heat and pleasant setting under towering pines Good 2 story barn MUST BE SOLD ASKING $110,000 CALL WIMPLE'S SLOANSVILLE OF FICE 518-875-6355

SOUTHERN NEW YORK

ATTENTION BEEF & HAY FARMERS: here's alot of farm for the money 375 acres of rolling alfalfa land with 220 acres tillable and 40 woods Large stream runs through Good 5 bedroom home with ex cellent view 80' barn with 60' addition Asking $128 000 with 9½% owner terms For appt call 607 792 3355 or WIMPLE'S SLOANSVILLE OF FICE 518-875 6355

PENNA FARMS
FRANKLIN CO.

55 Acre Limestone Soil, milking barn pipeline milkers bulk tank, lounge area, hay & implement storage Additional acreage available No dwelling

Limestone Soil 5 acres to 175 acres You decide Double four Herringbone parlor, 4 in line milking units, bulk tank, 40x80 lagoon, 50x80 bank barn, 96 free stall pole barn, 2 family dwelling (stone and brick), each 3 BR - Never failing spring

107 Acre General, 86 acres tillable, 10 pasture, 8 wooded, large bank barn, wagon shed with attached garage, 3 BR brick dwelling, 2 streams

CUMBERLAND CO.

NEW LISTING

115 Acre modern dairy farm, complete new dairy facilities, 48 tie stalls, pipeline milkers (automatic takeoff), 1,000 gal tank, 20x70 silo w/unloader, bank barn, 40x70 implement building w/3 automatic door openers, modern 4BR dwelling LIMESTONE SOIL

75 acre dairy, 26 tie stalls, bulk tnak, stable cleaner, silos w/unloaders, implement storage, new furnace, 4 bdr dwelling, farm pond, beautiful view of the mountain

95 Acre General Farm, 2 story Colonial brick and aluminum dwelling w/brick fireplace and car port Nestled among the trees Secluded from neighbors but adjacent to mountain for the individual wishing to have horses for riding Fertile sandstone soil 20 acres wooded w/timber large horse barn w/16 stalls and other outbuildings

Charles Wenger, GRI, 263-0945
George Ebener 249-4979
Wilbert Diehl 776-7707

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YORK COUNTY

25 acres pick your own berry farm & equipment, complete farm under solid set irrigation, 2 ponds, 10 acres of strawberries, 4½ acres raspberries, 1 acre blueberries, 1 acre asparagus, numerous fruit trees, large brick 4 bdr. house, bank barn, large equipment & work shed, other outbuildings, 1,600' hard road frontage, good location to expand into other businesses. Reasonably Priced. Open for negotiations. Retiring

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INCORPORATED

Listing #108: Stocked and equipped upstate New York dairy farm 150 acres, 110 tillable, rest in pasture Large cheery 7 room house with wood/oil heat A 34x80 barn with a 22x40 T, featuring 53 stanchions One 14x40 silo, 1000 gal Zero bulk tank Over one mile of road frontage Package includes 50 cows and a complete line of machinery, including 4 tractors, one is a Ford 8000 with a cab Low taxes, and excellent milk market Owner retiring $135,000 00 complete Terms possible

Contact

Strout Realty, Inc.
Of Madrid
R.D. 1, Box 68
Lisbon, NY 13658
or phone
1-315-322-5531.
Darryl M Sipf,
Licensed Real Estate Salesman

Longacre
FARM LAND IN EXCESS OF 5 ACRES

BERKS CO

- 140 Acre Farm features lovely 2½ story stone home modern kitchen, dining room, living room, center hall, 4 large bedrooms & bath, large bank barn, 2 large machinery sheds, small horse barn, large storage bins, gently rolling land with pond & stream, $460,000
- 70 Acre farm features 50,000 bird automated high rise laying house with packing room, large steer barn corn cribs, lovely 2½ story stone home with kitchen, dining room, living room, family room and 4 bedrooms, 2 baths $550,000

OTHER FARMS AVAILABLE
Please Call and Tell Us Your Preference

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Rt. 100 Hereford, PA 18056
Ph: 215-679-5919

BRADFORD COUNTY

- 5 acre Dairy Farm Modern 74 stall dairy barn Bulk tank steel pipe line, barn cleaner 20x32 Harvestore silo and 20x60 concrete silo Manure storage Modern Ranch home with 4BR's Kit DR, LR Bath and Den $145,000 Also second house available
- 500 Acre Dairy Farm, 450 tillable features 184 freestall dairy barn, 125 stall heifer barn, double-8 milking parlor two 1,000 gal bulk tanks, two 100' bunk feeders, three 24x60 and one 20x60 concrete silos w/unloaders, lovely 4 BR home w/kitchen LR, FR, office, den, laundry & bath 2nd home 3 BRS & bath Spring fed pond & much more Call for details, $650,000 Cattle & machinery available
- 188 Acre, 130 T Dairy farm with large double 13 room house, 3 car garage, 86 stall barn, 1,000 gal tank pipeline milker barn cleaner large machinery shed $165 000 Cattle & machinery available under separate contract

SUSQUEHANNA COUNTY

- 565 Acre dairy farm Features 145 stall barn heifer barn large machinery shed 2½ story house with kitchen dining room living room, office, family room, laundry 3 bedrooms 1½ baths 2nd House Modern 3 bedroom with kitchen dining room, living room and bath Apartment with modern kitchen, living room, dining room 3 bedrooms 1½ baths 3rd House New 2 bedroom kitchen living room and bath $750 000

POTTER COUNTY

- 116 Acre, hunting ground 30 acres open, balance wooded, borders 2 roads & river Possible Owner financing $50,000

LEHIGH COUNTY

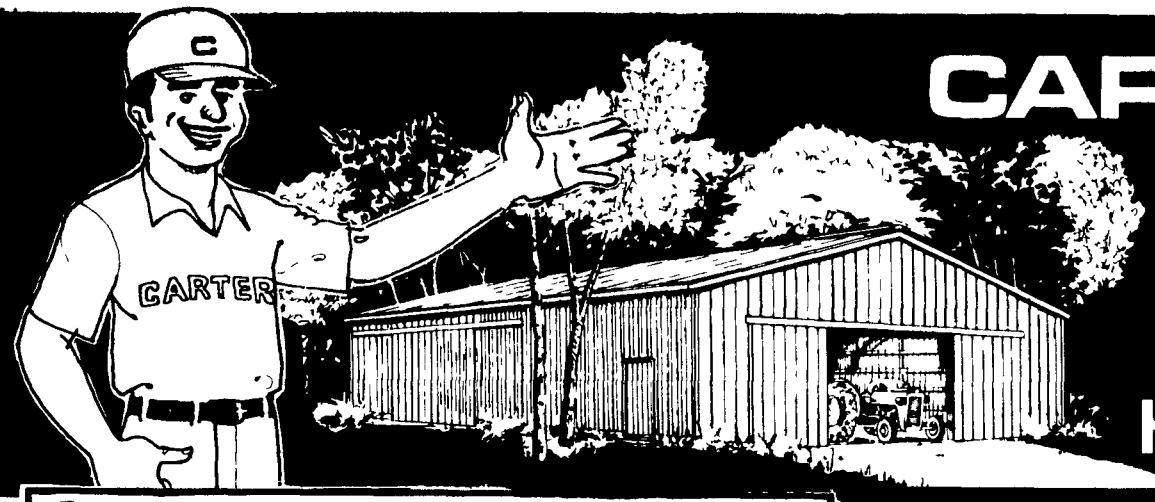
- 100 Acre dairy farm, 80 tillable, features 90 cow free stall barn w/freshening area and bulk feeder, 36 stall milking barn w/pipeline milker, bulk tank, barn cleaner Lovely 2½ story home, large kitchen, DR, LR, laundry, 5 BR, 2 baths, full attic & basement, (2) 20x60 Harvestore silos, 20x80 concrete w/unloader Stream & pasture, level land, $300,000

TIOGA COUNTY

- 800 Acre Dairy Farm 400 T 2 very good, lovely homes 83 stall dairy, barn Steel pipe line, 1000 gal tank and barn cleaner (2) 16x60 and (1) 14x40 silos with unloaders Large heifer barn $365,000 Full line of machinery and cattle available
- 122 Acre, 100 T dairy farm, 47 tie stalls with 24 free stalls, 800 gallon tank, barn cleaner, pipeline milker, 20x60 concrete silo with unloader, good house with kitchen dining room 2 living rooms 3 bedrooms and bath $110 000
- 126 Acre farm 70 T, 45 pasture, balance wood land Land only Near above farm $65 000

SCHUYLKILL COUNTY

- 234 acre woodland tract, joins state gamelands borders Rt 81 & secondary road, Pine Grove area good hunting area call for details, $175,000



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4"x6"	6.99	8.09	11.39	12.75	16.65	19.65	23.39	—	—
6"x6"	13.45	15.25	18.75	21.55	26.55	30.55	35.49	40.75	48.19

2x6 Center Match Treated Boards

8'	10'	12'	14'	16'
3.89	4.45	6.15	6.59	8.45

4'×8' PLYWOOD
ASSOCIATION GRADE STAMP

	1/4"	3/8"	1/2"	5/8"	3/4"
GIS EXTERIOR YP	—	10.15	12.55	15.25	17.39
CD EXTERIOR	—	7.85	7.75	11.65	14.45
T&G UNDERLAY	—	—	—	13.95	15.39

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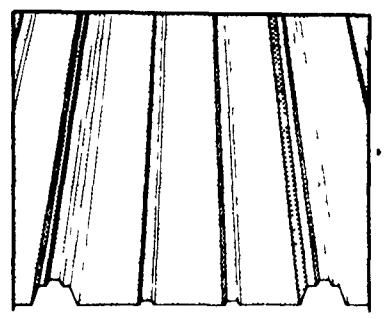
METAL ROOFING & SIDING ©



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$47.75
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36" NET COVERAGE

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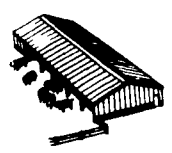
1¼" CORRUGATED GALVANIZED
29 GAUGE
$37.25
100 SQ. FT.



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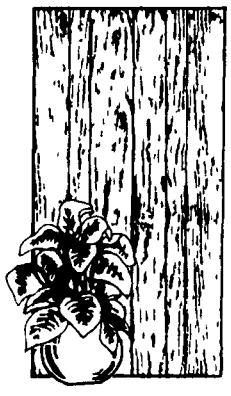
2"x8"	3.89	4.87	5.84	6.81	7.79	9.72	10.80
2"x10"	5.61	7.02	8.42	9.82	10.95	13.14	14.60
2"x12"	6.70	8.38	10.06	11.73	13.41	15.55	17.28

22', 24' 26' Lengths Available



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- ¼"-4' x 8'
- Can be applied direct to studs
- Suitable for below grade application

VISTA BARNBOARD
$4.99

SPECIAL BUY

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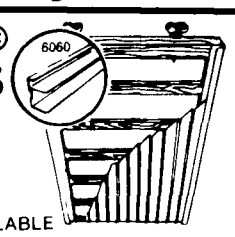

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- No flashing steel needed

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$3.55

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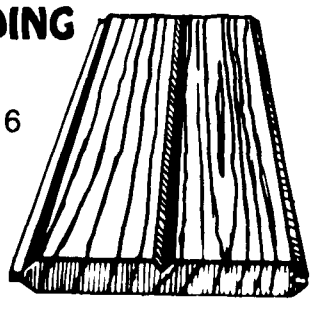

- 1" x 8"
- Pattern #116
- Grade #3

34¢
PER LIN FT

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ASPENITE PANELS

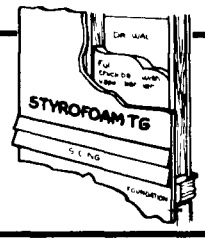
- 7/16' x 4 x 8
- For interior and exterior use

$6.75

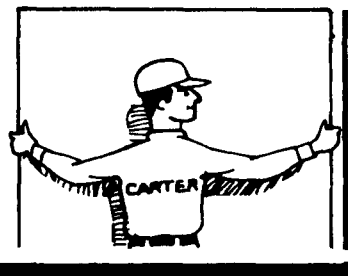
STYROFOAM® TG

- For sheathing exterior walls. 1"x4' x 8'.

$9.29



Celotex ©
Tuff-R SHEATHING



½"x4'x8' R-3.6	$5.79
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US Fiber
Cellulose INSULATION

- Covers 26 sq ft at an *R-19 value
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- Will not scratch or itch
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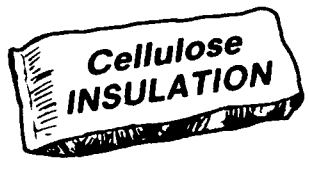

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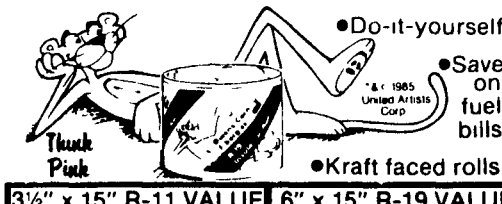

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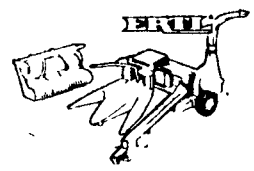

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1/16 Scale 19671 132
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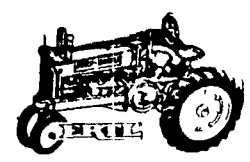

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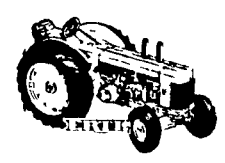
1/16 Scale / 19683 132
John Deere Model A Tractor



13.99
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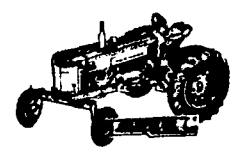
19779 132
John Deere Model R Antique Tractor



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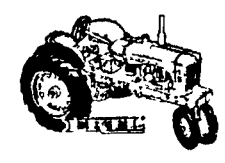

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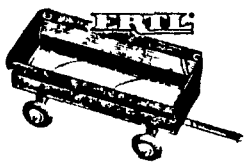
Reg 13.99 / SAVE 2.11
1/16 Scale 19 93 132
Allis Chalmers WD-45 Antique Tractor



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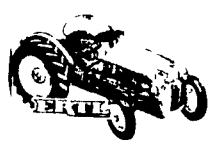

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Reg 13.99 / SAVE 2.11
1/16 Scale / 19780 132
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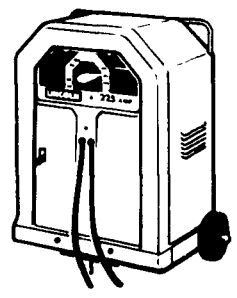

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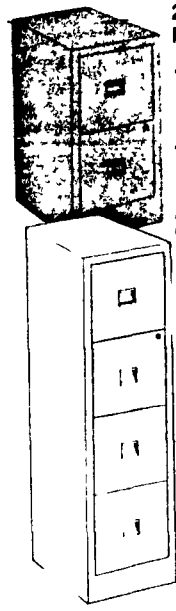

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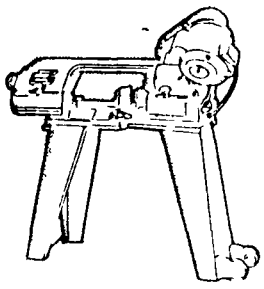

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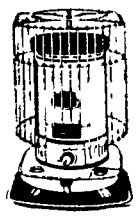

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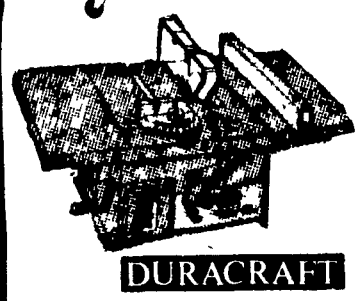

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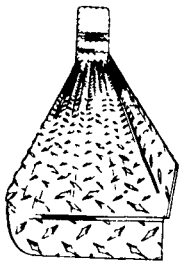

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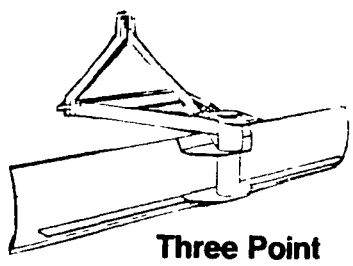

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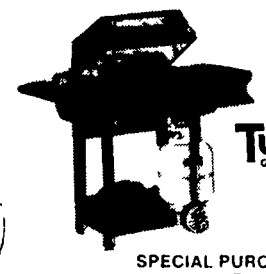

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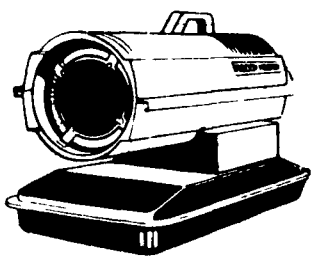

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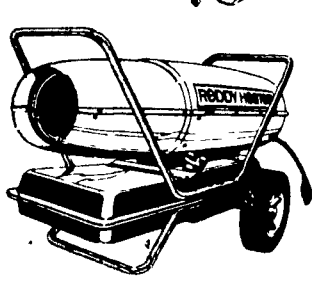

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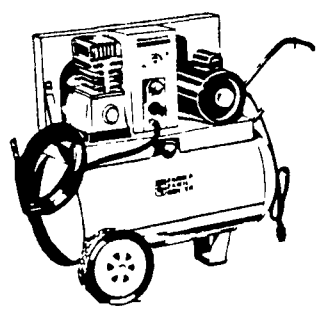

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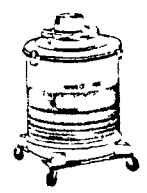

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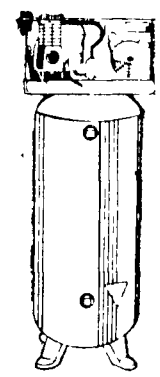

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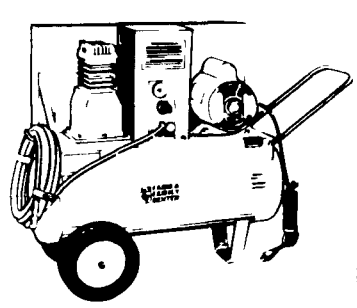

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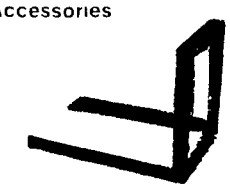

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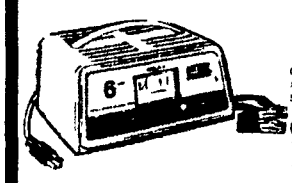

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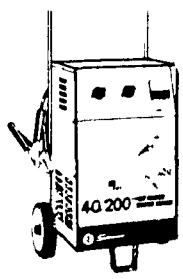

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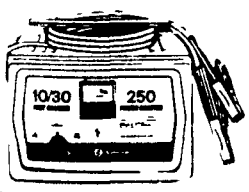

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Earl Butz Is Keynote Speaker

2 Penn State Professors To Speak At No-Till Conference

UNIVERSITY PARK — Two Pennsylvania State University professors will be among the featured speakers at the 13th Annual Mid-Atlantic No-Till Conference, Dec. 17 in York, Pa.

John Ayers, professor of plant pathology, will speak on "Problem Diseases of Corn and Wheat in Conservation Tillage Systems." Conservation tillage systems greatly change the environment in which crops are grown, he says. The potential exists for plant diseases to be transmitted from the debris of previous crops into which the new crop is planted.

Gray leaf spot and eyespot, two fungal diseases of corn, are potential problems in many areas where continuous, no-till corn is produced. Head scab can be a problem for wheat, Ayers says.

John Ayers

Ayers' primary research responsibilities are in the area of corn diseases, including studies of disease control and resistance, crop loss and epidemiology. For six months in 1978 he researched stem rust in wheat at the University of Minnesota while on a leave-of-absence from Penn State.,

Dr. Ayers has published about 50 professional articles and is a member of the American Phytopathological Society.

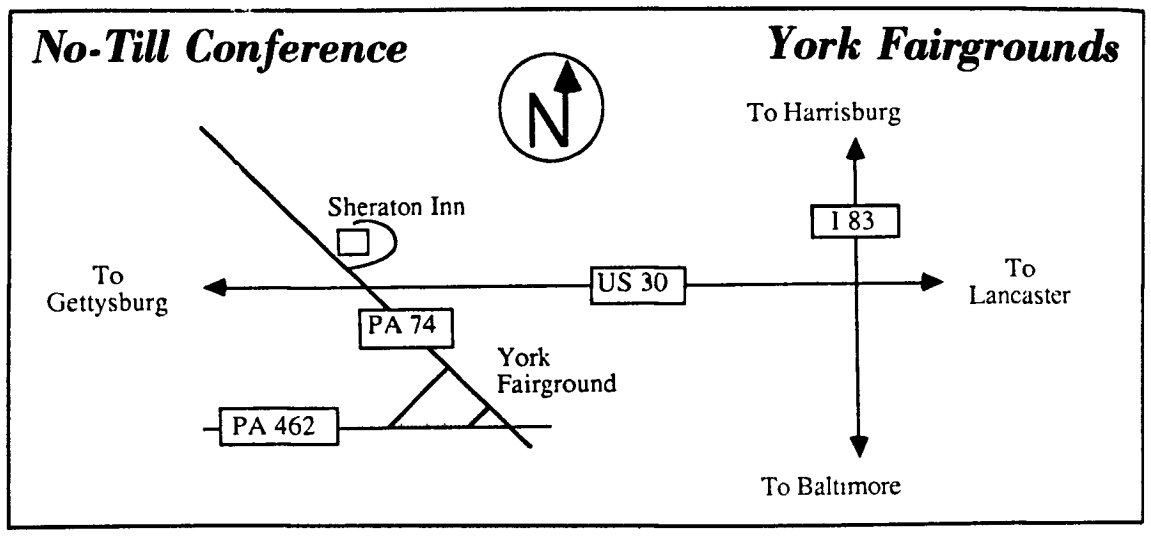
William K. Waters, associate professor of agricultural economics, Armstrong County, will address the "Economics of No-Till." He will compare the costs in time and money for no-till and traditional tillage methods for corn and forages.

"We're seeing that the cost is less with no-till than it is with traditional tillage," Waters says. Also, no-till takes less time.

The keynote speaker for the conference is former U.S. Secretary of Agriculture Earl Butz. A native of Indiana, Butz earned a doctorate in Agricultural Economics from Purdue University in 1937. He served as Assistant Secretary of Agriculture during the Eisenhower administration and returned to Purdue in 1957 to serve as Dean of Agriculture. Butz was Secretary of Agriculture from 1971 to 1976.

The former secretary now serves as consultant to a number of businesses and trade organizations and lectures to as many as 125 audiences annually.

Butz will deliver his address prior to lunch at the no-till conference on Wednesday.



Virginia Tech Investigates No-Till For Marginal Lands

BLACKSBURG, Va. — The steeply sloping and often acidic lands of the Virginia Piedmont have only "marginal" agricultural value. But researchers from Virginia Tech's College of Agriculture and Life Sciences are studying the potential of these marginal lands for producing non-woody plants as a renewable energy source.

If landowners could profitably produce energy crops on such sites, a new industry might develop, helping to relieve the region's economic plight.

As part of the Department of Energy's herbaceous energy crop program, Tech agronomists D. J. Parrish, D. D. Wolf and W. L. Daniels have been investigating seven perennials and one annual (four grasses and four legumes) to see if they can be established and grown in the marginal soils.

As conventional planting methods would bare the soil on these hilly sites to erosion, the plantings were done by no-till methods. In the first year of experiments, the stands for all plots were rated fair to excellent. The weaker stands were overseeded in Spring 1986 and showed promise of greater success.

As was expected, the only annual species in the study, sorghum-sudangrass, produced more total living matter in the first year than did the perennial species, which usually take more time to come into full productivity.

From their experiments, the agronomists concluded that no-till establishment of biomass species is feasible, but success will depend on soil, timing and species.

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Researchers Find Solutions To No-Till Alfalfa Problems

BLACKSBURG, Va. — Alfalfa has the potential for providing high-quality and high-yielding forage for animal feed.

But before farmers in the eastern United States can fully utilize this potential, the solutions to several problems, including several related to conservation or no-tillage practices, have to be found. Virginia Tech agronomists have developed several improved management practices that could allow farmers to better utilize this high-quality forage.

One problem farmers face is when to plant alfalfa using no-till practices. When it is planted into old hay or pasture fields during late summer, a disease called sclerotina crown and stem rot can seriously damage stands. To avoid this disease, some farmers plant in late spring following vegetation suppression after grass greenup, but these plantings are so late that weed competition and limited rainfall become concerns.

Tech agronomists Dale Wolf and Harlan White have devised an alternative procedure where burn-down herbicides were applied in October and November, then alfalfa was no-till planted in early March of the following year. As there was no need to wait for grass greenup before suppressing the vegetation, the alfalfa was able to get an early start for the season.

Wolf and White found this to be a highly successful practice that could substitute for late-season no-till establishment and that could avoid costly delays in spring planting.

While no-till practices are gaining in popularity, saving a producer time and money, no-till hasn't been advocated for alfalfa establishment in the East, largely because of the region's soil acidity. It was believed that surface applications of lime couldn't adequately correct soil acidity for efficient plant growth.

But Tech researchers J.E. Rechcigl, R.B. Reneau Jr., W. Kroontje and Wolf re-examined this conventional wisdom and came up with experimental results indicating that alfalfa may be grown successfully with surface applications of lime at planting. In looking at other chemical amendments, they found that alfalfa yields increased in response to application of nitrogen and molybdenum.

Another bit of conventional wisdom challenged by Tech agronomists was that harvesting alfalfa in late September and early October could be detrimental to the persistence of stands.

Research by K.L. Edmisten and Wolf, however, suggests that harvests during this period are not detrimental to the stand persistence if the alfalfa is allowed to accumulate 50 days of growth before the fall harvest.

These agronomists and more than 25 other Virginia Tech researchers will present findings from their work at the annual meeting of the American Society of Agronomy, Crop Science Society of America and Soil Science Society of America in New Orleans Nov. 30-Dec. 5.

13th Annual Mid-Atlantic No-Till Conference

Dec. 17, York Fairgrounds

MORNING PROGRAM — 9:00 a.m.
LYNN D. HOFFMAN, Presiding

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JOHN AYERS
The Pennsylvania State University

CREATING THE ENVIRONMENT FOR SUCCESSFUL NO-TILL FORAGE ESTABLISHMENT
HARLAN WHITE
Virginia Polytechnic Institute and State University

NEW SPRAYER TECHNOLOGY
TOM REED
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TAKE HOME WEED CONTROL PROGRAMS
RON RITTER
University of Maryland

ECONOMICS OF NO-TILL
BILL WATERS
The Pennsylvania State University

FARMERS PANEL:
WHY I NO-TILL — JOHN R. STONER, Mercersburg, PA
PROBLEM WEEDS — DAN BAUGHER, Taneytown, MD
COVER CROPS — RUSSELL CASSELL, Hummelstown, PA

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Former U.S.D.A. Secretary of Agriculture

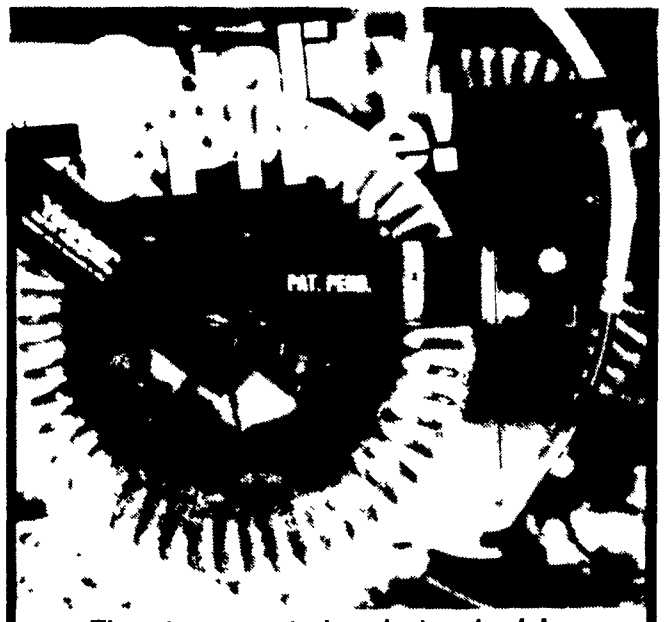
12:15 p.m. - Lunch, Memorial Hall

1:00 p.m. - Afternoon Program

1:00 p.m. - 4:00 p.m. - Visit Commercial Exhibits

1:30 p.m. - **QUIZ THE EXPERTS,** Presiding: W. Turp Garrett Panel consisting of morning program speakers

4:00 p.m. - Adjourn



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Waters Marks 25 Years With Extension

UNIVERSITY PARK – "Small-scale, large-scale, part-time, and full-time — we serve them all," says William K. Waters, Penn State associate professor of agricultural economics extension and area farm management agent based in Armstrong County.

Water's chief responsibility is in farm management. "I help farmers use cash flow projections, farm analysis and clear record keeping to make management decisions. We use a number of partial budgeting programs to project the profitability of change — changes farmers are thinking about or ones I think they should be thinking about to survive."

Most of the farms in Water's seven southwest counties are family-sized dairy farms (40 to 60 cows), but there are also some hog operations, a good many beef cow-calf, and a few beef feeding operations. Lately, some farmers have started supplemental small-scale vegetable operations for direct market income.

While some farmers in the region are changing the nature of their operations, others have left farming altogether. "Since I came in the 60s, I'd say we've lost about 40 percent of our farmers, most of whom were farming marginal land. But production is not really the issue in our counties. It's economic efficiency."

Scale back, is Water's message to most. "The prices of major farm inputs — fuel and feed — are coming down, but so are market prices. Only producers who bring their operations in line with labor and land productivity are going to show a profit. In fact some that do may actually have a better margin next year even though their revenue is less."

William Waters

Waters arrives at his projections by computer. "The whole issue of farmers having computers has been blown out of proportion. Really, its a tool for agents and financial counselors. Of all the work I've done, I'm proudest of my work in production cost analysis," says Waters.

In 1968 he teamed up with Joseph McGahen, professor of agronomy at Penn State, to design a program which computes the costs of corn production. They do about 160 to 180 individual budgets a year. "Farmers give us the data and we calculate their costs. In 1977 I teamed up with John Baylor (recently retired Penn State professor of agronomy) to develop a similar program for alfalfa production. Farmers give us their production data, our county agents measure yields and then the program gives the cost of production. I think it's the only alfalfa cost program in the country."

He's now developing software on the Mac and has already published a program on calculating the ownership and operating costs of farm machinery. "When you've been hacking away for 25 years, it's sometimes hard to say what's your best work."

Waters spent his first five years as a county agent for the Penn State Cooperative Extension Service in Armstrong County. "I'm an area agent now but I have an academic appointment in the Department of Agricultural Economics and Rural Sociology. There are about five of us left under the old system.

Penn-Jersey Tillage Conference To Focus On No-Till

NEW BRUNSWICK, NJ – "Good News in Farming" is the theme of the Second Penn-Jersey Tillage Conference scheduled for Tuesday, Feb. 17, 1987. The conference will be held in the Stabler Arena, Lehigh University, Bethlehem, Pa. The program will start at 10 a.m. Exhibits of machinery, seed, fertilizer, agricultural chemicals and other products and services related to conservation tillage will be available at 9 a.m.

The conference is sponsored by the Extension Services, Soil Conservation Services, Conservation Districts and the agricultural industry of New Jersey and eastern Pennsylvania.

The morning program will focus on applied aspects of conservation tillage. No-till forage establishment will be discussed by Dr. Dale Wolf, VPI. Dr. John Meade, Cook College, Rutgers University, will explore weed control and its special problems as they relate to conservation tillage.

Dr. Herbert Cole, Penn State, will talk about tillage research of the future. Soil compaction and its relation to tillage will be the topic for James Porterfield, American Farm Bureau.

A panel of regional farmers will tell about their experiences with conservation tillage systems, problems encountered and how they solved them.

The effect on the farmer of the Federal Farm Bill will be covered in the afternoon. There will also be a discussion about foreign and domestic agricultural markets.

Tickets must be purchased in advance. They will be available in County Extension Offices and Soil Conservation Offices in both eastern Pennsylvania and New Jersey. Tickets are $6, and include lunch.

Exhibit space is available Contact Diana Godbey, 702 Sedgewick Court, Sewell, NJ 08080 for more information.

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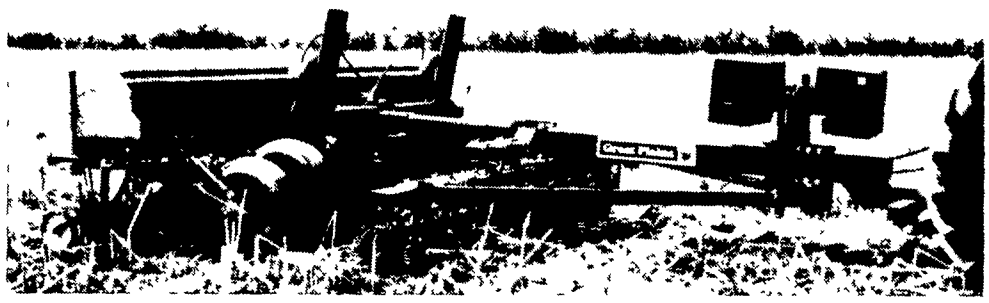

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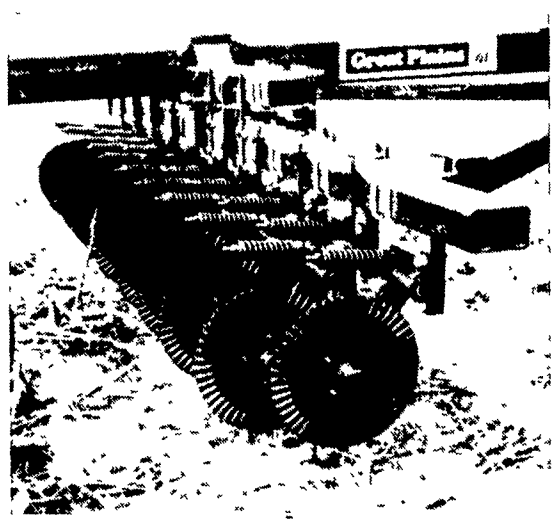

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No-Till Answers Conservation's Needs, Says Agronomist

BY JACK HUBLEY

LITITZ — Most farmers who have been following the development of conservation tillage over the past decade realize that no-tillage has few champions as enthusiastic as Penn State's Agronomy Extension tillage specialist Lynn Hoffman.

"Mr. No-Till," as he's been called, got involved in no-till research and extension efforts back in 1970, and he's been plowing new ground in that area ever since.

Hoffman, who serves as chairman for the Mid-Atlantic No-Till Conference in York on Wednesday, is pleased to report that, for the most part, farmers have embraced the no-till concept whenever practical. "At one point we thought we had one-third of the corn acreage," says Hoffman, adding that the amount of corn ground being no-tilled is currently about 22 to 28 percent. That figure may be closer to 60 percent if all conservation tillage systems are included, he says.

"I think it's being recognized by farmers as a tool, not necessarily as a religious commitment," Hoffman observes.

That tool dovetails nicely with the farm bill's sodbuster and conservation compliance provisions, he says. Sodbuster mandates that those farmers planning to plow highly erodible acreage that had been in sod from 1981 to '85 must protect that soil with a conservation district-approved conservation plan if they hope to qualify for USDA price support programs.

In addition, the farm bill's conservation compliance provision ensures that farmers who have been plowing highly erodible land continuously won't be able to ignore soil conservation. In order to qualify for certain USDA program benefits, farmers plowing such acreage must have an approved conservation program implemented by 1990 and must have it completed by 1995.

Since no-till is recognized as one of the best ways to keep soil in place on steep ground, farmers with hilly terrain may have to apply no-tillage to more of their acres in order to maintain their corn base and their access to USDA programs.

"Our data indicate that we can reduce erosion by over 95 percent (over conventional tillage) on a 14 percent slope by planting into last year's corn stubble," says Hoffman. "We can also decrease runoff by over 85 percent," he says, adding that reducing runoff also means that pesticides won't be moving into streams and rivers.

While no-till is well adapted for planting on steep, well-drained soils, no-tilling wet ground is a different ballgame, cautions Hoffman.

Since no-tillage does not break the soil, there's a tendency to get the no-till planter rolling earlier in the spring when soils are in fact too cold and wet. "Let those soils warm up as much as possible," Hoffman advises. "If it's too wet to plow, it's too wet to plant."

While researchers have documented no-tills efficacy in keeping soil on the farm, conserving moisture and reducing tillage costs, Hoffman doesn't hesitate to point out that there are some bugs in the system. For one thing, farmers employing no-tillage on a continuous basis may eventually find themselves battling deeply rooted perennial weeds. Hoffman says that Ron

Lynn Hoffman

Ritter of the University of Maryland will have some answers to tough weed questions at the conference.

If corn yields begin to dip under continuous no-tillage, soil compaction may well be the culprit, says the agronomist, pointing out that the problem is sometimes the result of getting in the field too early in the spring when wet soils are most vulnerable to compaction.

Annual grasses may also become a problem. When the pH drops below 6 in the upper two inches of soil, pH-sensitive herbicides may lose some of their punch in controlling annuals such as fall panicum and foxtail. Careful attention to the liming program is in order here, says Hoffman.

But Hoffman believes that some of no-till's reputation as a pesticide-dependent system may be ill-founded. "In a well-conceived program you're looking at increasing your pesticide usage somewhere between 10 and 15 percent (over conventional tillage)," he says. Economically, this increased pesticide cost is a fair trade-off for the tillage savings.

And from an environmental standpoint, Hoffman believes that keeping the pesticides where they're applied will have less of an impact on water supplies in the long run than allowing them to wash into streams, rivers and the bay. While no data has been generated yet to back him up, Hoffman suspects that a "fair amount of (pesticide) degradation" takes place in the top eight to 10 inches of soil.

While no-till planters are more expensive than conventional units, Hoffman reminds farmers that many conservation districts are renting the units, and most counties have custom operators who can provide cost effective no-till service.

All in all, the agronomist believes that no-till is the key to profitable farming–which happens to be the theme of this year's conference. "1987 promises to be one of the most frustrating and challenging years, profit-wise, that farmers have faced since the depression. No-tillage is an effective tool to combat that low profitability," Hoffman sums up. "Most farmers who want to be in business by 1990 ought to be in York on Wednesday."

Although the deadline for purchasing tickets for the conference's noon meal was Dec. 11, Hoffman stresses that no ticket is required to attend conference sessions or visit exhibits. The event is free and open to the public.

Program Analyzes Tillage Options

NEW ORLEANS — A new information system will soon be available to help farmers choose the best tillage strategies for their fields. Iowa State University agronomists are working with USDA soil scientists to design a computer program that calculates the advantages and disadvantages of 10 different tillage systems based on the soil characteristics of individual fields.

What tillage method to use can be one of a farmer's most important decisions. Minimum tillage strategies can reduce initial cost and erosion on some soils and retard drainage and lower yields on others. Many farm fields contain several types of soil, which also complicates the choice.

Simplifying that decision was the goal of research described at the American Society of Agronomy meetings here Nov. 30-Dec. 5. According to USDA soil scientist L. Dale Lockridge, the computer program merges information from soil survey maps with the Iowa Soil Properties and Interpretations Database (ISPAID) to give a detailed description of the soil characteristics in a specific field.

The program assigns ratings for each of 10 tillage strategies on each soil type and an average for the whole field based on factors of drainage, erodibility (water and wind), frequency of flooding, topsoil depth and soil tilth. The tillage analysis recommends one tillage system that is best and analyzes the rists of other tillage options.

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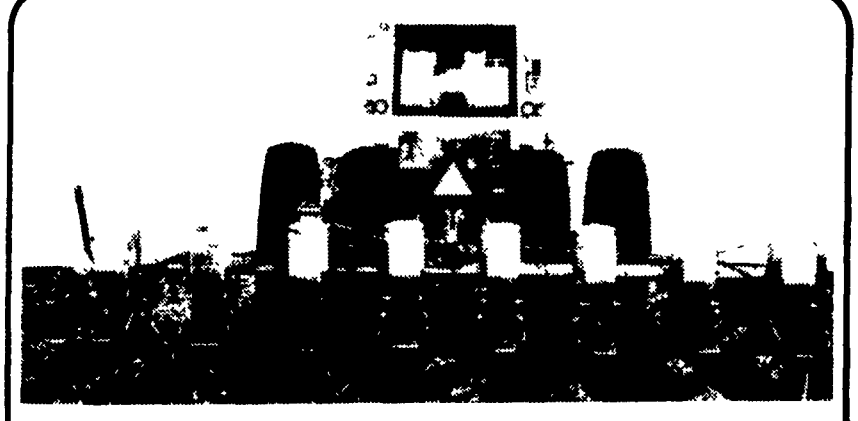

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Studies Show Reduced Tillage Effective On Wet Soils

NEW ORLEANS — Certain reduced tillage options used in erosion prone and droughty, sandy soil also work well on poorly drained soils, according to long-term research on Indiana fields by Donald R. Griffith, Purdue University research agronomist.

Griffith, also a Purdue extension field crop production and tillage specialist, presented the research on Dec. 4 at the annual meetings of the American Society of Agronomy, the Crop Science Society of America and the Soil Science Society of America.

"Both research and farmer experience in the past 20 years have shown that reduced tillage systems work well on rolling, erodible soils and on droughty, sandy soils, often leading to increased production," Griffith said. "Long-term tillage studies in Indiana now show that certain reduced tillage options also can be successful on poorly drained soils."

Many U.S. growers have adopted conservation tillage practices in the last 10 years to conserve soil and water. However, many farmers are now using reduced tillage techniques to cut production costs.

Conventional tillage using the moldboard plow was used on about 50 percent of the row-crop acres in Indiana during 1986.

In the research at Purdue, four tillage systems were compared for 11 and six years on two soils that were nearly level and poorly drained. The tillage systems were moldboard plowing, chiseling, ridge planting and no-till planting.

Research sites were on a dark Chalmers silty clay loam with four percent organic matter and a light Clermont silt loam with one percent organic matter.

On the dark Chalmers soil, no-till yields fell about 10 percent compared to plowing for continuous corn, continuous soybeans and rotation soybeans. "There was little or no yield reduction for no-till corn after soybeans or for ridge or chiseled crops in continuous or rotation cropping," Griffith said.

No-till practices produced higher yields on the light Clermont soil, compared to plowing, chiseling or ridge systems, for both corn and soybeans grown in rotation.

"No-till yields tended to be more competitive the longer the practice was used on the light colored soil," Griffith added. He said results from this research will help farmers to choose the most profitable tillage system for poorly drained soils.

Northumberland Co. Names No-Till Corn Winners

SUNBURY — Bob and Gary Truckenmiller, RD 1, Watsontown, and Don Cotner, RD, Danville, are the first-place winners in Northumberland County Conservation District's second annual no-till corn yield contest.

Contestants were judged in two categories. Bob Truckenmiller and his son, Gary, are the winners of the highest yield category with a yield of 199 bushels of corn per acre. Don Cotner is the winner of the soil type category with a yield of 93 percent higher than the "expected yield" for his soil type. Cotner received a yield of 164 bushels of corn per acre on a Hartleton soil that has an expected yield of only 85 bushels per acre.

Other place winners in the highest yield category are Roy Adams, RD 3, Sunbury, 165 bushels/acre; Don Cotner; Scott and Russel Hummel, RD 3, Sunbury, 163 bushels/acre; and Carl Forman, RD 2, Turbotville, 163 bushels/acre.

Other place winners in the soil type category are Bob & Gary Truckenmiller, 81 percent above expected yield; Stanley Crone, RD 6, Danville, 73 percent above expected yield; Leon and Neal Wertz, RD 5, Danville, 68 percent above expected yield; and George C. Richard, RD 1, Elysburg, 68 percent above expected yield.

The contest was open only to no-till corn. Fields submitted had to be at least five acres in size and located in Northumberland County.

Bob (left) and Gary Truckenmiller posted the highest yield in the Northumberland Conservation District's no-till corn yield contest.

Delaware Surveys No-Till Farmers

NEWARK, Del. — Delaware farmers received a questionnaire last month, along with the current copy of their county extension newsletter, asking them about their experiences with no-till crop production.

The purpose of the questionnaire, according to University of Delaware extension weed specialist Frank Webb, is to find out what problems farmers faced last summer growing no-till corn and soybeans, and how they feel in general about no-till as a crop production practice.

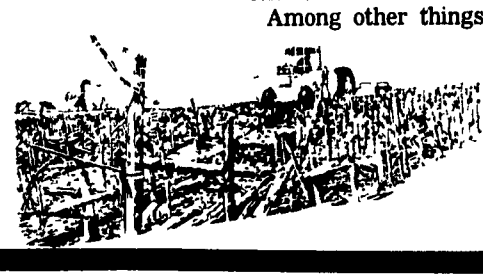
Delaware currently ranks first in the nation in no-till acreage. But, says Webb, the 1986 drought "really clobbered" many no-till plantings.

"We had a number of problems with no-till this year," the specialist says, "but poor weed control was the primary culprit. Because of the dry early spring, most of our standard herbicide programs just didn't work. Dry surface soil conditions also reduced crop stands."

Besides revealing current grower attitudes towards no-till, Webb hopes the two-page survey will tell him and other Delaware extension workers what kind of help farmers need to improve no-till crop performance. The survey is being conducted with the encouragement of the Delaware No-Till Council.

Among other things, producers are being asked to indicate any major problems they encountered this year growing no-till corn and no-till full season and double-cropped soybeans, and to compare no-till and conventional production costs and yields. They're also being asked to indicate their actual 1986 and anticipated 1987 no-till acreage in each crop category produced in Delaware, including corn, soybeans, small grains, vegetables and forages.

Farmers who are not on a county extension mailing list but who would like to participate in the survey may obtain a copy of the questionnaire by calling the county extension office in Newark (451-2506), Dover (736-1448) or Georgetown (856-7303).



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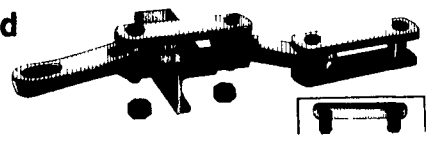

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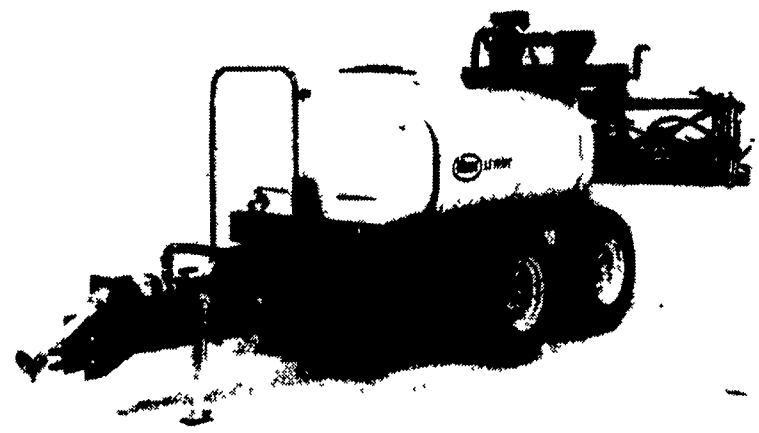

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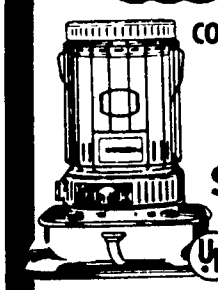

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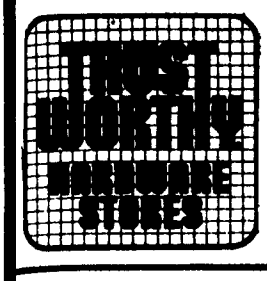

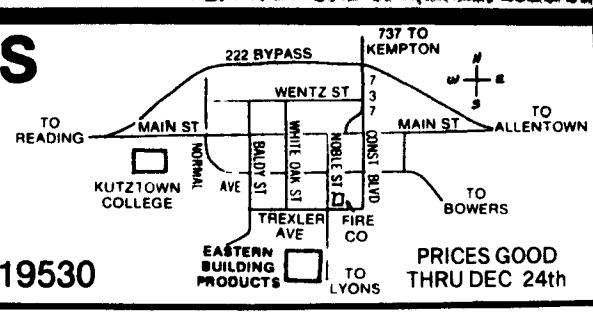

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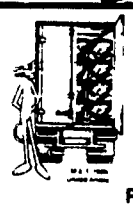

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3½x15' - $13.22 RL
3½x23" - $20.27 RL

R-19/6¼ Faced
26¢ S.F.
6¼x15" - $12.24 RL
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R-30/9¼ Faced
42¢ S.F.
9¼x15" - $24.64 Bag
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R-25/8" Unfaced
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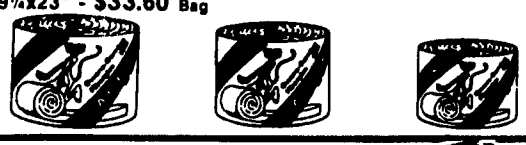

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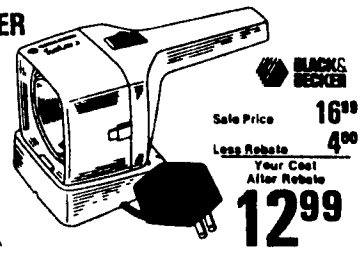

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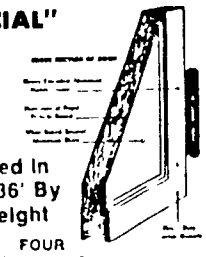

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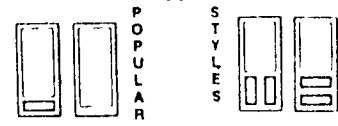

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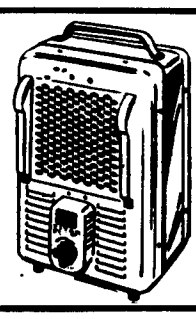

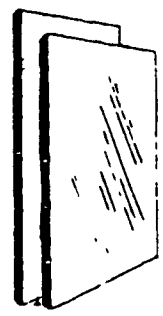

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$5.79 ½"x4'x8'

½"x4'x10' **$7.49**

Coverts any rough or unfinished surface to a smooth surface you can paint or paper **All prices pick-up, delivery extra.**

Stop basement energy loss:*

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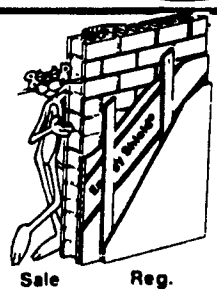

	Sale	Reg.
½' x4 x8' R3.6	$5.89	$6 99
¾' x4'x8 R5.4	$7.99	$9 12
1"x4'x8' R7 2	$10.15	$11 49

INSTANT FIRING TORCH GUN

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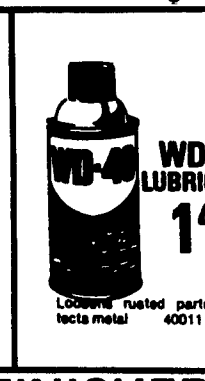
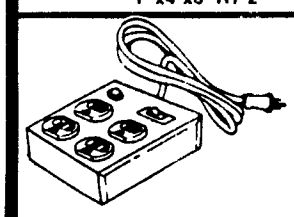
Stainless steel burner tube brass regulated fuel valve for easy efficient operation at any angle Trigger activated piezo igniter for thousands of easy torch lights Uses standard 14 1 oz propane fuel cylinder AS 2600 8-C



WD-40 LUBRICANT

1.49

Loosens rusted parts, protects metal 40011 7-I



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4 outlet power center features circuit breaker overload protection on/off switch pilot light and heavy duty cord MOC 4C 1 A

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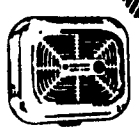

Has loud, 85-decibel alarm and 30-day low battery warning Includes 9 volt battery SMK6D 6-A

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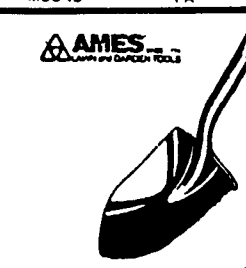
LIGHT HICKORY
$9.99 Reg $13 39

•Plywood backed, can be used in basements, bathroom and kitchen



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- Rugged Well Balanced Blade
- Durable 47 Ash Handle American Made

$7.88

15-613 35011

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$19.99

Reg $28 49
3"x72"
American Made

Introducing 20 Yr. Painted Galvaume CORRUGATED STEEL ROOF & SIDING

8'x32"	10'x32"	12'x32"
$11.28	$14.10	$16.92
14'x32"	**16'x32"**	**20'x32"**
$19.74	$22.56	$28.20

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STOCK COLORS: (Freedom) White, Brown, Red and Green

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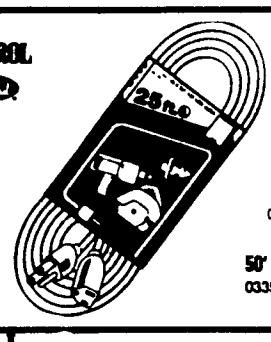
KILN-DRY HEMLOCK & DOUGLAS FIR #2 Construction GRADE

Size	8'	10'	12'	14'	16'	18'	20'
2x3	1.42	—	2.28	2.66	3.04	—	—
2x4	2.04	2.82	3.43	3.51	4.16	4.92	6.33
2x6	3.30	4 10	5.87	5.95	7.24	7.36	9.39
2x8	—	5 73	6 86	8.06	9.57	10.86	—
2x10	—	8 06	9 96	11.75	12.85	15.30	17.00
2x12	—	9 36	12.30	13 72	15.00	18.36	20.40

2x10 and 2x12 also stocked in 24'



25' OUTDOOR EXTENSION CORD

3.99

03327 C2316-0250R 8 I

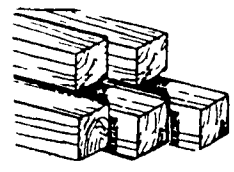
50' EXTENSION CORD 03354, C2316-0500R 8-J **6.99**

#2 WHITE PINE BOARDS

	6'	8'	10'	12'	14'	16'
1x4	1 74	2 32	2 90	3 48	4 06	4 64
1x6	2 70	3 60	4.50	5 40	6 30	7 20
1x8	3 54	4 72	5 90	7 08	8 26	9 44
1x10	4 32	5 76	7.20	8 64	10 08	11 52
1x12	5 22	6 96	8 70	10 44	12 18	13 92
5/4x4	2 40	3 20	4 00	4 80	5 60	6 40
5/4x6	3 60	4 80	6 00	7 20	8 40	9 60
5/4x8	4 62	6 16	7 70	9 24	10 78	12 32
5/4x10	5 94	7 92	9 90	11 88	13 86	15 84
5/4x12	8 82	11 76	14 70	17 64	20 58	23 52

SELECT WHITE PINE BOARD #C

	6'	7'	8'	9'	10'	11'	12'	13'	14'	15'	16'
1x4	3 24	3 78	4.32	4 86	5 40	5 94	6 48	7 02	7.56	8 10	8 64
1x6	4 98	5 81	6 64	7 47	8 30	9 13	9 96	10 79	11 62	12 45	13 28
1x8	6 60	7 70	8 80	9 90	11 00	12 10	13 20	14 30	15 40	16 50	17 60
1x10	8 16	9 52	10 88	12 24	13 60	14 96	16 32	17 68	19 04	20 40	21 76
1x12	15 36	17 92	20 48	23 04	25 60	28 16	30 72	33 28	35.84	38 40	40 96



.40 PRESSURE TREATED TIMBERS

Size	8'	10'	12'	14'	16'	18'	20'	22'	24'
4x4	5.45	7.83	8.02	—	11.66	—	—	—	—
4x6	8.26	11.20	12.87	14.03	17.92	—	—	—	—
6x6	14.19	18.14	20.88	22.91	29.67	31.32	36.45	38.26	41.76

.40 PRESSURE TREATED OUTDOOR LUMBER

SIZE	8'	10'	12'	14'	16'
5/4x6	—	—	5 53	—	7 40
2x4	2 42	2 89	3 49	3 99	4 59
2x6	3 83	4 83	5 83	6 30	7 28
2x8	—	—	8 90	—	10 27
2x10	7 86	—	10 23	—	13 97
2x12	—	—	13 74	—	19 44

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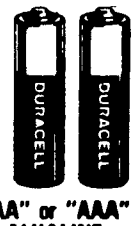
"C" or "D" SIZE ALKALINE BATTERIES
1.87 2-PACK
MN1400B2, MN1300B2 9-H



"AA" or "AAA" ALKALINE BATTERIES
1.39 2-PACK
MN1500B2, MN2400B2 9-I

9-VOLT ALKALINE BATTERY
1.87 EACH
MN1604B 9 J

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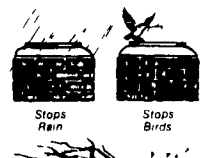

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TopHat Chimney Cap.

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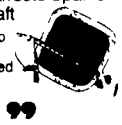
The top and base of the Top Hat Chimney Cap is heavy gauge paint grip galvanized steel



8"x13" - $19.99 13"x13" - $21.99

Soil Science Database Needed For Land Management Decisions

UNIVERSITY PARK — "Support of land management has come to the forefront," said Penn State soil scientist Dale Baker in a presentation to the American Society of Agronomy at its annual meeting in New Orleans. "Land management is everybody's problem because the land is for everybody's benefit."

It is important for decision makers to have access to soil science databases that can provide expert recommendations, Baker says. "This kind of support can come from expert systems — computer databases that offer users lots of alternatives for land management. With expert systems, we can find out where the holes are in our knowledge base and set standards for the future."

Baker was behind the initiation of a mobile nutrient laboratory, a joint venture between Penn State and the Pennsylvania Department of Environmental Resources to clean up the Chesapeake Bay. The lab on wheels analyzes farm soil, water and manure levels in southeastern Pennsylvania "It's a state-of-the-art testing method for farmers," he says.

Baker has developed internationally used methods of monitoring wastes and soils for trace elements and heavy metals for environmental pollution controls. He believes the concepts and theory of soil science will be in increasing demand for both agricultural and non-agricultural land use.

The land-use management specialist of the '80's, Baker says, helps farmers define goals and predict economic effects of farming systems and practices for each field. These practices include manure management, fertilizer and lime applications, crop variety, agricultural chemicals, and sewage sludge or other waste management. The role of the soil scientist is to set standards that not only benefit production agriculture but that adhere to environmental standards.

Crop production, waste applications to land, farm dumps, landfill siting and management, land reclamation and on-site sewage disposal can pollute water as well as land. Study of water quality issues should not be limited to the laboratory, Baker says, but must incorporate field responses under various environmental conditions.

Conservation Tillage Catches On In 'Big Sky Country'

BOZEMAN, Mont. — A grassroots approach to education is helping spread the word about conservation tillage over the sprawling Big Sky Country.

As Extension soils scientist at Montana State University, Jim Bauder wanted to demonstrate the pros and cons of conservation tillage in a state that stretches some 535 miles east to west and 275 miles north to south. Local field demonstration sites would let farmers see for themselves how this technology worked in their area. However, budget and time constraints along with logistical complexities ruled out establishing and maintaining these sites by himself.

So, Bauder called on local volunteers to do the job. Since fall, 1984, he has helped form county Conservation Tillage Committees, which have set up their own local education programs. Committees, which average eight members, have been established in about three-fourths of Montana counties where conservation tillage could be an important practice. Membership is composed of farmers, county Extension agents and representatives of the Soil Conservation Service, Conservation Districts and agri-businesses.

With Bauder as an advisor, the committees conduct in-field demonstrations of conservation tillage techniques using donated time, supplies and equipment. In 1986, they set up 28 of these on-farm sites in Montana, ranging in size from ½ acre to 40 acres, depending on local goals.

The committees also conduct winter meetings, workshops, seminars and small group discussions.

"Up to now, the committees have focused on the economics of conservation tillage, such as input costs, yields and drill performance," Bauder says. "In the future we plan to expand into such areas as seed rate, variety performance and pest problems."

So far, members of the 28 committees have volunteered an estimated 2,000 hours of work in conducting nearly 100 educational programs attended by an estimated 3,200 farmers.

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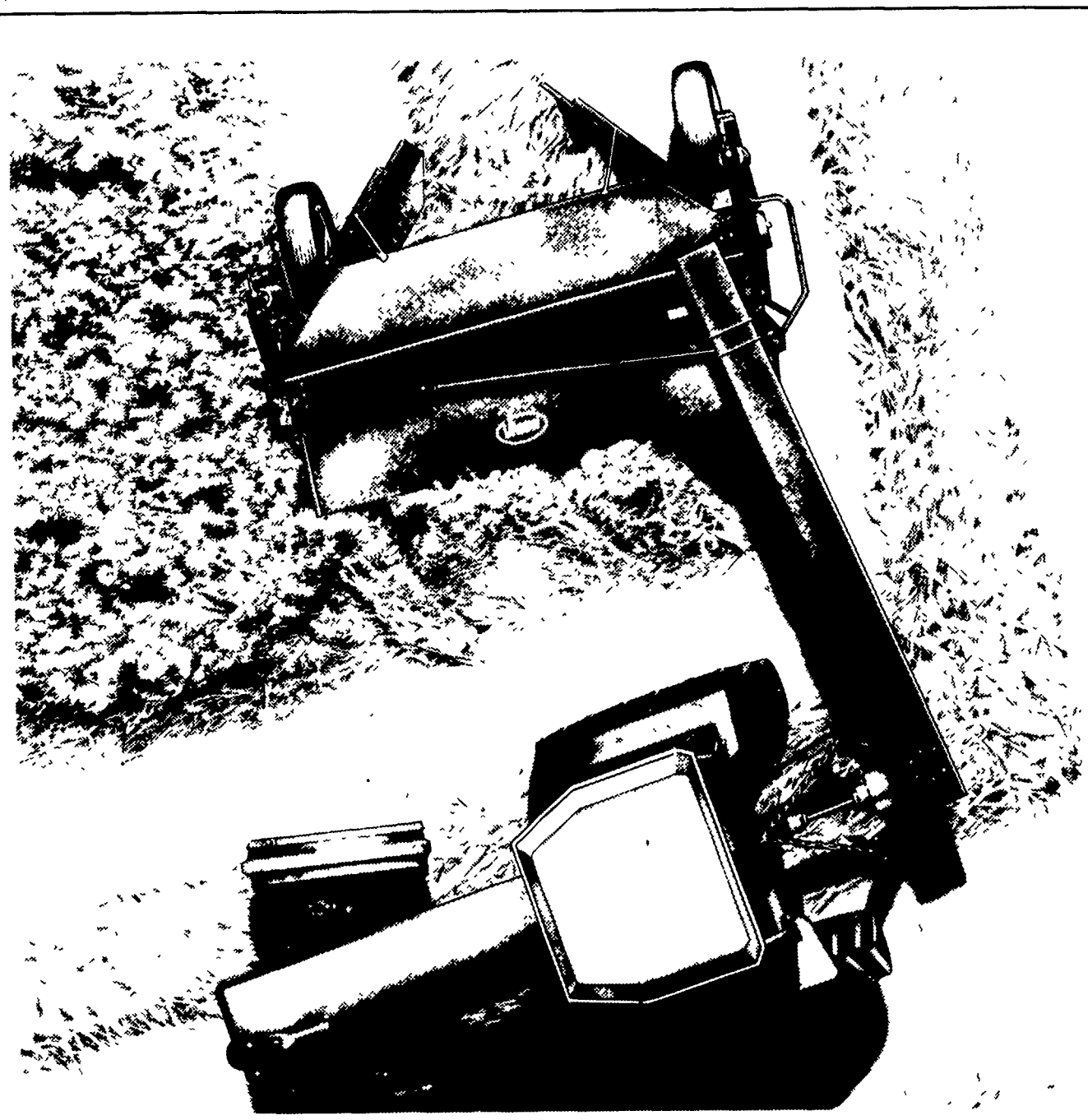

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- JD 4430 ..... Year Round Cab
- JD 4430 ..... 4 Post, PS
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- JD 4030 ..... 4 Post, Quad
- JD 750 MFWD ..... 100 Hrs.
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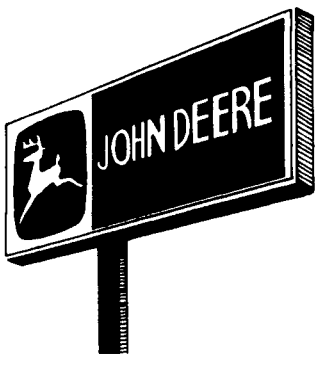

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Grove hydraulic forage box mounted 1966 Chevy C60, poor; wrecked Grove forage wagon, good wood, $600 takes all. York Co. 717-229-2346.

IH 1066, black stripe, in very nice condition. $6,500. 717-532-7054.

IH 1086 w/cab, very nice condition; IH 806, nice condition. 717-532-7054.

IH 2350 loader, $3,000/Offer 301-833-9091.

IH 36 disc, 12', model 46; IH 800 corn planter; Grinder mixer, model 355, 21" mill, 13' unloading auger; IH Vibra Shank 14'; NH 315 baler. 717-426-1381

IH #50 Shredder, very good. NH #489 Haybine, like new. 717-444-3545

IH 674 tractor, nice condition, $6,500. 717-532-7054

IH 715 diesel, hydro, 13' 4-30", excellent, $6,750. Steven & Sam Stalter, "The Combine Boys". 219-862-2151

Gehl grinder mixer, model 95, very good condition, $2,300. or Best Offer. 201-359-5934 Evenings.

JD 210 disc, 14'-3", 18" blades front, 19" rear, excellent, $1,800. Lanc Co. 717-354-5092

JD 245 quick tach loader, 72" bucket, like new, $3,550. 301-733-2195

JD 2940 tractor, nice. Priced to sell. JD 35 chopper, $1,400. 717-733-0575

JD 3020 diesel, WF, new paint, $4,600. 717-532-7054.

JD 30 combine, pull type; (2) 4 row corn beaters, 1,000 rpm & 540 rpm; (2) David Brown tractors, 990 & 3800, for parts. 215-262-0908

JD 350 Dozer; Bobcat model 371 Skid Loader Saxonburg, PA 412-352-1081

For Sale: Vermeer 504 & 403 Super G round balers, 256 round bale buster, 275 9' discbine 412-423-4076

For Sale: VH4D Wisconsin engine, good condition, $575. 717-786-7943. Between 7:30 a.m. & 8:00 a.m.

IRRIGATION EQUIPMENT. Long Hard Hose Traveler model 1820; Hale PTO Pump model 50FB2-3R1000; Hale Trailer Mounted Pump model #50FR-C413 high pressure high volume; 2500' Tico 8"x30'; 4000' Tico 6"x30'. 717-532-9108.

JD 1240 4RN plateless corn planter, $1,750. 76 JD 440 Liquifier snowmobile, $825. Both in good condition. 717-665-7434.

JD 2010 Dozer w/95 Backhoe, new UC, new steering clutches, $4,500 301-867-1888.

JD 2020 diesel tractor w/model 146 loader, very nice, $6,200. 717-532-7054

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JD 4-38" row 7000 plateless planter w/no-till coulters, liq fert, insec boxes and monitor with plant population and acreage counter, $4,900. 814-364-1349

JD 4430, quad range, w/cab; very nice condition, $10,800. 717-532-7054.

IH 720 plow, 4 bottom 18" auto reset. Late model NI 323, 1R picker, picked 175 acres. Both items in mint condition 717-898-2088.

IH 820 Flex Head, 13', very good condition, always shedded. $3,000. 301-867-1888.

IH hydro 70 gas w/2350 loader, $5,800/Offer. 301-833-9091.

Case 970, WFE, cab, air, low hrs., $6,800. 301-833-9091.

Case 970, WFE, manual shift, new rubber, 1,900 1 owner hours. Must See. $6,500. 301-833-9091

Cat D8 14A new S-A-L-T tracks; JD 2010 loader & backhoe Atlantic Co., NJ. 609-561-2332

Catepillar Dsl. engine, 6 cylinder w/Pony motor, Model D318, $700; fork lift truck, 6,000 lb capacity, $1,500 WANTED: Flat belt pulley 20" to 24" in diameter, 8" to 10" face and 2½" bore; also dogs on head block of saw mill. 717-652-1957.

CRAWLER DOZER: Case 750, excellent undercarriage, power tilt, $6,000 301-833-9091.

CRAWLER TRACTOR PARTS CURRENTLY DISMANTLING
AC, Cat, IHC, JD, Case, Michigan, Hough, Galion and others. Loaders, dozers, graders, excavators, rollers. Many parts removed & checked, ship anywhere.
JUST ARRIVED FOR PARTS
Cat 977 20A w/very good undercarriage. AC HD-7G loader. IH TD-6 62 series w/angle dozer, Carco winch & ROPS canopy w/sweeps. Many good parts on this machine.
USED PARTS PRICED RIGHT
IH 125C & E tracks and pads w/sprockets, excellent condition, package price, $1,700. Parts brochure available.
Balanda Equipment Co.
PO Box 337
Hatfield, PA 19440
Yard Location:
Quakertown, PA.
215-855-9207
Day or Night

Deere 6600 dsl. rotary screen, under 1600 hrs., big tires, super clean. Kept in. $9,950. "The Combine Man", 814-635-3689.

Disc chisel 9 shank Binkley Wilbeck, excellent condition, $3,500. 703-721-2150 or 703-721-2643 evenings.

AC 7000, cab & air, 2800 hrs., very good condition, $10,500. Will consider partial trade. 215-795-2350 after 7 p.m

AC 7040 tractor, 135 h.p., cab, air, power shift, front & rear weights, dual hyd., radio, many extras, clean, 2600 hrs., excellent condition, $9,800. Make Offer. 717-249-2300

AC D-14 auxiliary motor, Wisconsin VF-4 with or without clutch reduction, 2 cyl. Wisconsin. Also used Wisconsin parts. 717-656-9734.

AC HD5 Dozer, 371 Detroit, 90% undercarriage, recent overhaul, remote PTO, 24 h.p. Pasqualli, 4WD, 3PH, PTO, loader. York Co. 717-927-6564 Evenings.

Also Better Built lagoon prop-pit agitator, excellent condition, $2,000 negotialbe. 717-788-3510

Kubota M4500DT, 55HP, 4WD tractor, front weights, 550 hrs., good condition. 814-364-9333 after 6PM.

BACKHOE: JD 410, ROPS w/enclosure, extend-a-hoe, very good condition, $8,800. 301-833-9091.

CAB for IH tractor, $225 or will trade for fenders. 609-397-1516.

Case 960 combine, used 1985 season, needs minor going over, ideal for small farmer or parts $700. or B O 609-261-1316

30' [illegible]erman manure auger, portable, hydraulic drive, in good condition. Can be used in poultry, hog, or dairy manure. 717-548-3116

3250 gal Calumet liq. manure spreader, good condition Stump Acres. 717-792-3216 York County

4WD Tractor, 800 hrs., equipped w/Farmi wench, good for skidding firewood or field work. Sell as unit or separate. 215-488-1586 after 7 p.m.

6600 Sidehill, hydro, in excellent condition, located in PA. $15,800. "The Combine Man". 814-635-3689

860 Ford tractor w/rear weights, P. steering, Sauder loader, $3,400. Four like new 8.25x20 mud and snow tires on 6 lug Budd wheels, $375 and trade. 717-534-1253

8820 JD combine, 2400 hrs., 24' flex head, 6R corn head 717-748-2563.

977H Cat loader, power shift, pedal steer, enclosed cab, new batteries, fair uc. $9,800. Call 717-532-6540

1978 JD 4040, quad range and canopy..... $10,500
JD 2020 utility, gas, high/low $3,800
NH 358 grinder mixer, like new..... $6,100
HORNING'S FARM MACHINERY
717-733-7408

NEW EQUIPMENT SPECIALS
- JD 1219 Haybine, $7,650
- JD 337 Baler, $7,675
- JD 716A Forage Wagon, $6,450
- NH #8 Forage Wagon w/234 Running Gear, $5,000
- JD 1600 Spring Reset 4 Bottom Plow $4,700
- JD 8250 Grain Drill, 14x7, $4,100
- JD 235 Disk Harrow, 17'1"
- JD 215 Disk Harrow, 12
- JD 2950, 2WD Tractor
- JD 4250, 2WD Tractor
- NH L250 Skid Steer Loader
- NH L455 Skid Steer Loader

USED EQUIPMENT
- MF 760 Combine w/V8 Engine, 6RN, 17' Grain Platform $24,000
- JD 7720 Combine 4WD
- IH 1026D, Hydro, 112 HP w/Loader $7,000
- IH 2424 Tractor w/Loader, $3,800
- JD 1020 Tractor, Gas w/47 JD Loader, $5,200
- Yanmar 165 D 20 HP Tractor, 4WD, Turf Tires, Front Blade, Less Than 200 Hrs., $5,700
- Kubota L245 Tractor, 2 WD w/Loader, $4,500
- JD 6 Cyl. Gasoline Power Unit, Just Overhauled, $2,000
- Century 6R Sprayer, 3 Pth, $850
- Cub LoBoy w/Implements, $2,200
- NH 846 Round Baler, $3,900
- JD 444 Corn Head, $4,500
- NH 495 Haybine, 12', $4,500
- Grimm Tedder, $675
- Kuhn GMD66 6 Disc Mower, $2,500

M.S. YEARSLEY & SONS, INC.
110-120 E. Market St.
West Chester, Pa. 19380
215-696-2990

Lancaster Farming
P.O. Box 366
Lititz, PA 17543
717-394-3047
or Lititz
717-626-1164

HOURS: Mon., Tues., 8 a.m. to 5 p.m. Wed., Thurs., & Fri 7 a.m. to 5 p.m.

The following categories are available for your classified advertising in Section C Deadline- Thursday morning at 9 of each week's publication
1 - Farm Equipment
2 - Farm Equipment Wanted
3 - Silos and Unloaders
4 - Building and Supplies
5 - Grain Equipment
6 - Dairy Equipment

The following categories are available for your classified advertising, in Section B Deadline- Wednesday afternoon at 5 of each week's publication.
7 - Livestock Equipment
8 - Cattle
9 - Horses & Mules
10 - Sheep & Goats
11 - Swine
12 - Artificial Breeding
13 - Hog Equipment & Supplies
14 - Poultry & Supplies
15 - Feed & Seed
16 - Fertilizer
17 - Plants
18 - Fruits & Vegetables
19 - Nursery
20 - Lawn & Garden
21 - Services Offered
22 - Custom Work
23 - Help Wanted
24 - Situations Wanted
25 - Business Opportunities
26 - Household
27 - Pets
28 - Lost
29 - Found
30 - Computers
31 - Notice
32 - Miscellaneous
33 - Recreational Vehicles
34 - Autos
35 - Trucks and Trailers
36 - Real Estate

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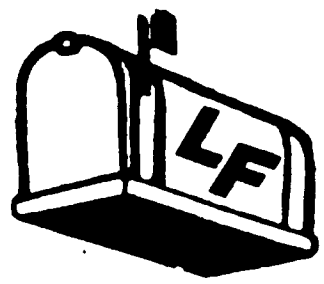

MAIL TO:
LANCASTER FARMING
P.O. Box 366, Lititz, PA 17543

NOTE Please do not use this form for Mail Box Market Ads, see instructions in Section D with Mailbox Markets

DEADLINES:
SECTION B - WEDNESDAY AT 5:00 P.M.
SECTION C - THURSDAY AT 9:00 A.M. OF EACH WEEK'S PUBLICATION

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Address _____

City _____ State _____

Zip _____ Phone (___) _____

Please publish my _____ word ad _____ times starting with the _____ issue. Classify under _____ ____. I enclose _____.

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29¢ per word per week - 1 or 2 times
23¢ per word per week - 3 or more times
11 word minimum

Words	1 Time	2 Times	3 Times
up to 11	3.19	6.38	7.59
12	3.48	6.96	8.28
13	3.77	7.54	8.97
14	4.06	8.12	9.66
15	4.35	8.70	10.35
16	4.64	9.28	11.04
17	4.93	9.86	11.73
18	5.22	10.44	12.42
19	5.51	11.02	13.11
20	5.80	11.60	13.80

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6	7	8	9	10
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MASSEY-FERGUSON
Where farmers' ideas take root

MF Super 90 Dsl w/Loader
MF 85 Gas
(2) MH Pony Tractors
JD 90 Skid Loader
MF 40 Offset Disc, 14'
White 283 Transport Harrow
IH Super A 5' Mower
Ford 501 3 pt. Mower
NH 469 Haybine
NH 320 Baler w/Thrower
Hesston PT10 Mower Conditioner
IH 1190 Mower Conditioner
NH S23 Blower
NH 25 Blower
Gehl Blower
Fox Blower
IH Grain Drill
Herd Fert. Spreader
NH 516 Manure Spreader
Farmhand 257 Tank Spreader
NH 352 Grinder Mixer
NH L35 Skid Loader Coming In

NEW HOLLAND

SCHREFFLER EQUIPMENT
Pitman, PA
717-648-1120
717-648-1811

NEW EQUIPMENT
WHITE-
2-88 Tractor w/Cab
508 4/5 Bot. Plow
598 5/6 Bot. Plow
5100 6-Row Planter w/Dry Fert.
Field Boss 16 Compact Tractor, 4WD
Field Boss 21 Compact SOLD or, 4WD

KUHN-
10' 2 Pull Type Tedder
11' 6 Rake & Tedder
17' Pull Type Tedder

GEHL-
4510 Sk SOLD Steer Loader
BU970 For. Box
FB 1540 Blower
RM 1460 Round Baler
DC 2330 Disc Mower Cond.

NEW IDEA

FARM EQUIPMENT
NEW IDEA-
353 Spreader
362 Spreader
364 SOLD der
272 Cutditioner

USED EQUIPMENT
NI No. 10 Cornpicker
Gehl FB99 Blower, Reconditioned
NI 213 Spreader
Int. 403 Diesel Combine, 4 Row Narrow Hd., 13 Ft. Grainhead, Cab - Good Cond.- See By Appointment Only!
Int. No. 110 Forage Box with No. 330 Running Gear, Nice.

MILLER EQUIPMENT CO.
RD 1 Bechtelsville, PA
215-845-2911

JD dual hubs, 10 hole complete, $300. 717-532-8926.

JD 4440, powershift w/ cab, very nice condition, $15,800. 717-532-7054.

JD A 1944, JD H 1940 hand start, good paint & rubber. Hagerstown, MD. 301-582-0558

DEER HUNTERS SPECIAL, COME IN AND SAVE!
Ford 555 TLB
Ford 655, 4WD, TLB
Ford 8700, Must be seen to be appreciated
TW35, cab & air, nice
TW30, dual power, cab
6710 4WD, cab
6610, canopy, like new
4610 4WD, orchard
2910 4WD, like new
1910 diesel w/roll bar
JD 2040 w/loader, low hrs., new paint
Kubota M7950, 4WD, Special Price
Kubota 4150 4WD
Ford 550 TLB
Ford 4500 TLB
Case 580 TLB
MF 202D w/loader
JD 310 TLB
Warner Swasey Forklift, 21' mast
Ford Forklift, 8,000 lb. capacity
Yale Forklift, 3,000 lb.
JD crawler 350 w/ldr.
Case 310 crawler loader
Int. TD6 crawler
25 Used Lawn & Garden

TOYS FOR TOTS CHRISTMAS SPECIAL
10% For Limited Time
Will Ship UPS

STRALEY FARM SUPPLY, INC.
1760 East Canal Rd., Dover, PA. 17315-3699
(717)292-2631 or
(717)292-4443

Gehl #115 grinder mixer, 1000 RPM PTO, auger extension, good working condition. $1,400 or Best Offer. After 6PM 717-656-7994. Leola.

For Sale: New Idea Kinze corn planter, toolbar mounted. Planted less than 150 acres, $6,600 301-334-1269.

GOOD USED FARM EQUIP.
NH 489 Haybine, Cut 300 Acres, Like New $4,800
NH 256 Rake, Rubber Teeth, NEW $2,050
JD 15.5x38 Snap On Duals $250
10 Int. 80 lb. Suitcase weight ..... $20 Each
NH 316 Baler, Baled 4000 Bales $6,000
NH 489 Haybine, Brand New, Never Used $7,150
Pequea Hay Tedder, 7' PTO (New) $1,250
NH 489 Haybine, 3 Yrs. Old. $3,750
IH 784, Dsl., TA, Dual Hydraulic, Dual PTO $7,500

WILL TRADE
Can Deliver
717-933-8134

Leyland 802 tractor w/Allied Model 660 hydraulic bucket, $8,250
Leyland Model 270 tractor w/Allied Model 700 hydraulic bucket, $5,800
3 row mechanical transplanter units, model 4000, like new condition, $900 per unit
JD 16A flail chopper, used 2 seasons, $2,600
NH Model 890 chopper w/2RN corn head and hopper w/auger base unit for high moisture ear corn, $3,800
NH Model 880W pickup head, like new, $1,200
NH Model 27 blower, $750
Hesston PT10 haybine, $1,000
JD 125 chuck wagon on JD running gear, $1,200 ea.
Gehl BU910 forage wagon w/unloading extension on NH running gear, $1,350
NH Model 679 tandem manure spreader w/hydraulic end gate, $3,000
NI single beater manure spreader, model 217 w/new chain, $800

717-587-1725
Lackawana Co., PA

JD 4010D, NF, good condition, $3,300. 301-833-9091.

JD 401 w/loader, gas, 2400 hrs., excellent condition, $6,000/Offer. 301-876-1956.

JD 4020, side console w/cab, nice condition. 717-532-7054.

JD 4230 w/cab, quad range, very nice, $10,800. 717-532-7054.

JD 4250 MFWD, AC cab, P. shift, big tires, weights, 1400 hrs., $28,500; Brillion 10 shank chisel plow, buster bar, expandable, $1,500; JD 15' rotary hoe, $1,000. Call Sheaffer Eves., 301-778-0185.

COMBINES
JD 1975, 7700 w/215 Flex Head
JD 6620 w/643 Corn Head & 216 Flex Platform
JD 7700 Hydro, Rotary Screen, 15 ft. Platform, 1971
JD 7720, 1400 hrs.
JD 15' Rigid Platform
JD 643 CH 6 R Narrow Old Style
JD 216 Flex Head

TRACTORS
JD 4020 Dsl., WF
IH Farmall H w/Loader
Deutz DX110, Cab, Air, Sharp, 1980
Ford 8N

TILLAGE
IH 18½' Field Cultivator

PLANTING EQUIP.
AC 330 4 R Planter
JD 1240 4 R Plate Planter
JD 1240 4 R Plateless w/Fert Planter
JD 1440 4 R No-Till Planter
JD 7000, 4R
JD 7000, 8RN No-Till Liq. Fert.

MISC.
Lilliston 7'6" Mower
JD 6½ Ft. Rear Blade
JD 346 Wire Tie Baler
IH 435 Baler
NH 488 Mower Conditioner
Woods 214 Mower

Cooper Ent., Inc.
Cecilton, Md.
301-275-2195

JOHN DEERE

USED TRACTORS
JD 3020 Side Console
JD 4020 w/Hiniker 1300 Cab
Case 1394 w/14 Hrs.
Case 1210 Power Shift
Ford 5000, 1971 model
Ford 7700 w/cab & Air
Ford 3600 Dsl. w/P. Steering
Ford 3000 Gas, P. Steering, 1500 Hrs.
Ford 601, 5 spd., power steering
Ford TW10, 4 WD w/cab
Ford 7700 4WD w/Cab & Air
Ford 7700 4WD w/Cab & Air, w/Ford 777F Loader
AC WD45
Oliver 880, power steering

USED EQUIPMENT
Case Skid Steer Loader, Water Cooled Engine
NH 770 w/Both Heads
NH 707 3 pt. chopper
NH 890 w/2 row
NH 718 w/2 row
NH S717 w/1 row
Gehl CB600 w/2 row
NH 845 small round baler
NH 276 baler w/thrower
NI 325 Super Sheller
NI 325, 2 RN, 12 Roll Bed
NI 323 1 row picker
Oliver 4-16 ST plow
Oliver 4-16 AR plow
White 5x18 AR Plow
Gehl 710 forage box
NI 213 Manure Spreader w/Endgate
NI 214 Flail Manure Spreader w/Endgate
NH 474 Haybine
NH 477, 7' Haybine
NH 256 Rake w/Dolly Wheel
NH 258 Rake
Papec 3 beater forage box
Gehl 910 forage box
NH 354 Feed Grinder

Call Norm or Mark at

Norm Shores & Son Tractor
Towanda, PA
717-265-9014

FORD TRACTORS
New CL25 Skid Steer Loader w/Dsl. Engine
New TW 20 w/Cab, 4WD, Air
New 7710 w/Cab, Air
New 5610 w/Dual Power
New 4610 SU
New 2810, 3910
New 1310, 1510, 1710
New 1210 4WD
Used 871

NEW HOLLAND
Used 36 Crop Chopper
Used 273 Baler
Used #7 Forage Box

NEW IDEA
New NI 406 Rake

OTHER EQUIPMENT
New Ford 133 High Clearance Chisel Plow
New Ford 208, 12½' Field Cultivator
Used Satoh Beaver Tractor w/4WD w/Front Blade
Used Ferguson T030
Used Farmall Cub Loboy w/Mower
Used Farmall 350 Utility
Used Farmall BN w/Cultivators
Used JD 24T Baler w/Kicker
New Glencoe 12'9" Finishing Harrow
New Glencoe Soil Saver Stretch 7 Shank
New Glencoe Soil Saver 5 Shank
New Amco Heavy Duty 12' Disc Harrow
Used Windrow PU & 2R Corn Head to fit IH 550 Harvester

"NEW" NEW HOLLAND
NH 353 Grinder Mixer
38 Crop Chopper
848-853 Round Balers
411 Disc Bine
NH Manure Spreaders
790 Forage Harvester

Sweigard Brothers
RD #3
Halifax, PA 17032
717-896-3414

G & D Repair
Quality Is Our Game - Service Is Our Aim

Special Sale Offer
Demonstrator Integrator I
(Coulter Chisel Plow Combination)
7 Shank Spring Cushion
List Price $6200
Factory Rebate 900
G&D Disc 900
Sale Price $4,400

TRACTORS
JD 2 SOLD Gas
JD 4030 w/cab
JD 1530

TILLAGE EQUIPMENT
New 18 Ft. Field Cultivator
New 12 Ft. Disk
New 18 Ft. Wing Disk
New Coulter Type Chisel Plow, 7 Tooth
New Tillage Saver
JD 32 RW Disk
JD 12 Ft. Spring Tooth Harrow
1 Used JD 310 Disk, Black Frame

HAY EQUIPMENT
8,10 & 12 Ton Zimmerman Running Gears
Zimmerman Hay Tedders
2 Used Dion Self Unloading Wagons
2 Used Flat Wagons
1 Used Bale Wagon
New Bale Wagons
New Self Unloading Wagons
(Rugged Construction - Reasonably Priced)

MISCELLANEOUS
6 Ft. 3 Pt. Blade
2 Sets 18.4x38 Duals, 9 Bolt Hubs To Fit JD 4430

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RD 5 Penryn Rd., Manheim, Pa.
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Specializing in John Deere but will also Rebuild Other Makes.
Reasonable Rates - All Work Guaranteed

Ag-Industrial Equip. Co.
DEUTZ-ALLIS JCB KUBOTA Nothing like it on earth NEW HOLLAND

TRACTORS
White 2-180
A SOLD
AC D 14 w/Loader
AC 190XT
AC 7000, PS, ROPS
(2) AC 7020
AC 7040
AC 7060
AC 7080
(2) AC 5040
(2) AC 5050
AC 210
AC 5020
JD 2840
JD 2240
Kubota B7100 HSE w/RC6000 Mower
IH 986
AC 6140
Oliver S55

MOWER CONDITIONERS
NH 1495 D w/12' Head
Hesston 600
NH 489
NH 1495 SP, 12' Hyd. Gas
NH 469
NI 279 Cutditioner

PLANTERS
AC 600, 4R, Air
(2) AC 600 4R no-till
AC 600 6R no-till
JD 4R

FORAGE EQUIPMENT
NH 1895 w/3RN & WPU
NH 919 N4
NH 890 W
NH 770R2
NH 890N3
NH 1890 Hydro C/A w/2 Heads, w/550 hrs.
NH 880 R2 Head
(4) NH 822 Corn Head
NH 770 w/WPU
NH 28 Blower
NH 30 Blower
JD 5400, 2RW
Field Queen w/3RN, 2RW & WPU
Field Queen Standard w/3R Head
NH 900, 2R 30" Snapper Head

MISCELLANEOUS
NH 307 Spreader
Hub 48' Elevator
Gilson Snow Blower
NH 358 Grinder Mixer
NI 325 Corn Picker
AC 2500 Disk
IH Spreader

BALERS
(2) NH 273 w/54A Thrower
NH 846
NH 316 w/70 Thrower

WAGONS
Richardson Side Dump

MOWERS
NH 451
NH 462 Disc
NH 463 Disc
Triumph Sickle Bar

LOADERS & FORKLIFTS
AC Model 50
AC Model C40X
(2) L35 Skid

COMBINES
AC Straw Spreader
AC C II w/2 Heads
AC FKS2 w/430 Corn Head and 313 Flex Head
AC G440 Corn Head
AC 430 Head
AC 438 Head
AC 6RN Head for M2 Combine

LAWN & GARDEN
AC 5020
AC 716 w/Mower
(2) AC 712H w/42" Mower
AC 616 w/5' Mower & Dozer Blade
AC 611 w/Mower
AC 608
AC 312 w/Cultivator, Plow, Blade & Mower
Woods Front Runner
Cub Cadet 782
(2) Gravely w/Mower
JD 112
Kubota B5100E
MF 14HP w/Mower

RAKES
NH 256 (2) NH 260
NH 258 V-Tandem Hitch

Call Ed Greenleaf, Sam Siple
Dennis Ellsworth, Chris Wiggins
Service Call Terry Greenleaf
1207 Telegraph Road Rt 273 Rising Sun Md
301-658-5568 301-398-6132
215-869-3542
Immediate Financing
Hours Mon thru Fri 8 to 6 Sat 8 to 3
CLOSED SUNDAY

John Deere 3020 diesel, powershift, W.F.E., dual outlets, 540/1000 PTO, new injection pump, 12-V alternator starter, $6,200 o.b.o. 717-423-6268.

Ford 4000 D, 540/1000, live PTO, diff. lock, engine overhauled last year, needs clutch, $2,600. Kelly all hydraulic loader for same, excellent, $1,250. 717-253-0296. 7-8 a.m.

Ford 601 Select-o-speed, Sauder loader, tractor runs but needs work, $2,000. or Best Offer. 717-768-3544

Ford 8000, good condition, $3,800. 301-833-9091.

For Sale: 13 Shank mounted IH #55 chisel plow, $1475. Snyder Co., 717-837-0724.

For Sale: Bolen's snow blowers and plows; John Blue sprayer; Ford roll bars, loader bucket. Berks. 717-933-8695

For Sale: Diamond PA90, excellent condition. Must Sell. Reasonable Offer. 717-386-5777

FOR SALE: 25' hay elevator w/Briggs gear reduction engine, $150 WANTED: Single sided hog feeder, also feed bins. 717-534-1253.

FOR SALE: Allis Chalmers 6070 tractor, like new, excellent condition, 800 hrs. 215-273-9884.

FOR SALE: Blackweldex tomato harvester, 3R Holland transplanter, side dump cart, trailer dolly. All good condition. 717-626-9327.

FOR SALE: Ingersoll Rand portable compressor; 165 CFM JD dsl., low hrs. and two sand blast machines, 300 lb. capacity each. One remote control, one manual, $7,500 takes all. 215-588-7834.

For Sale: Ford 4000 tractor, blade, Mott mower, welder, pressure washer. 215-795-2107

Farmers & Dealers -- Your advertising pays for itself when you advertise your equipment in the farm equipment section. 717-394-3047 or 717-626-1164.

1,000 PSI pressure washer w/Briggs engine; also portable 225 amp Miller dsl. powered welder. Stephen Fisher, Lincoln University, PA 19352.

Ford Tractors Equipment | NEW IDEA | Hesston | WHITE FARM EQUIPMENT

USED EQUIPMENT

Ford 6610 Tractor, 700 hrs
Int 674 Tractor
Farmall 340 Trac
White 2-135 Tractor
MM 670 Gas Tractor
Haybuster 1068 No-till Drill
NI 213 Manure Spreader
White 281 10' Offset Disc Harrow
Century 200 gal 3 pth weed sprayer, 35' Boom
18' Hydraulic Fold Field Cultivator
18' Brady Hyd Fold Chisel Plow
JD 5B 16" Plow
JD 3B 16" Plow
Ford 2 Row Cultivator
Fox 728 2R Corn Head
NI Rotary Cutter
NH 512 Manure Spreader
White 271, 23' Disk Harrow
Brady 722 Flail Shredder
Hesston 7150 Forage Harvester
Westfield 31'6" Auger
Cardinal 53'8" Auger
Glencoe Field Cultivator
Better Bilt 1100 Gal Liquid Spreader
Ford 501 Mower
Danco Rear Unload Forage Box
Woods 12' Flail Shredder
White 8700 Combine
JD 1240 Plateless Planter

STANLEY'S FARM SERVICE
RD Box 46
Klingerstown, PA
717-648-2088

MASSEY-FERGUSON
Where farmers' ideas take root

USED EQUIPMENT

Farmall M w/2ME Picker SOLD
MF 50 Gas Tractor
MF 1130 Tractor
MF 275 Diesel Tractor w/MF 236 Loader
MF 760 Combine
MF 860 Combine (900 Hrs.)
MF Balers

NEW EQUIPMENT

MF 240 Tractor
MF 250 Tractor
MF 270 Tractor
MF 283 Tractor
MF 3525 Tractor
MF 3545 Tractor
MF 3505 Tractor (Demo.)
MF Compact Tractors
MF 144 4 Bot. 16" Plow - List $7295
Cash Sale $4,995
MF 133 10' Chisel Plow - List $2,995
Cash Sale $2,395
NI 660 For. Harv.
NI Spreaders
Snapper Mowers

15% OFF ALL TOYS TIL CHRISTMAS
Call For Details On Our Winter Engine Overhaul Special
SAVE $$$

N.H. FLICKER & SONS, INC.
Box 68
Maxatawny, PA 19538
215-683-7252

NEW IDEA

USED MANURE SPREADERS

N.I. 218 8 Ton, Endgate, Reconditioned $3,500
N.I. 224 10 Ton, Endgate, New Web $2,900

AS IS SPECIALS

N.I. 214 w/Endgate $700
N.H. 675 w/Endgate $1,500
N.H. 790 w/Endgate ..... $ CALL
Badger 1500 Gallon Tank $500

A.L. HERR & BRO.
PARK AVE., QUARRYVILLE, PA 17566
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N.H. OD100 DISC (Like New)
$7,450 1 Week Only

N.H. #8 Crop Carriers
Farmall M Tractor
N.H. 425 Loader
N.H. 775 Loader w/Deutz Diesel
N.H. 269 Baler w/SS
N.H. 273 Baler w/SS & Thrower
N.H. 27 Baler w/Thrower
N.H. 310 Baler w/Engine
N.I. 10 Ton Spreader w/Upper Beater
N.H. 469 Haybine
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JD 310A, 1979, Tag 1936 ..... $19,000

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Bobcat 610 60" Bucket, Floats, No Rops, Tag 5114 ..... $4,000
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Bobcat 975 w/84" Bucket 122 Hrs., Tag. 7256 ... . $33,000

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JD 544B, Ford A64 ..... Call For Prices

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JD 7020; JD 4430; JD 8630
JD 4010; JD 3010
IH 1586, $12,500, cab, duals
IH 4586, $11,500, 4 WD, duals
IH 4786, $22,500, 4 WD, duals

COMBINES

JD 8820, 4 WD, 1981, $55,000, 222 flex
JD 8820, 4 WD, 1980, $47,000, 220 flex
JD 8820, 4 WD, 1979, $40,000, 222 flex
JD 7720, 4 WD, 1983, $55,000, 220 flex
AC G, diesel, both heads, 1971, $5,500
MF 750 1976, hydro, 18', $10,000
MF 750 1976, hydro, $6,000

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New Holland 520 spreader, loaded, used 2 days, $4,900
IH 5 shank V-ripper, gauge wheels, $1,700
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For Most IH Tractors

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JD 720 diesel, Wheatland pony start, excellent rubber SOLD
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Dunham 8' & 10' Cultipackers ..... Special Prices

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IH 37 Baler
NH 310 Baler
NH 315 SS Baler Exc.
NH 56 Rake
Butler Oswalt 1830 Ensilmixer
Butler 280 Ensilmixer Stainless Steel Lined
IH 56 Blower
NH 519 Spreader Hyd Endgate
NH 679 Spreader w/Hyd End Gate & Top Beater
NH 770 Harvester w/Electric Control.
NH 467 Haybine
NH #8 Forage Box
JD 7000 Corn Planter 6 Row Narrow w/Monitor
Gehl 99 Blower
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JD 2840	$8,500
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JD 4430, cab, air	$11,000
JD 4230, cab, air	$11,000
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JD 4520, power shift	$7,000
JD 4320	$8,000
JD 4020, power shift, side console	$8,500
JD 4020, power shift, 68 model	$5,250
JD 4020, 68 model	$6,500
JD 3020, wide front	$6,500
JD 3020, gas	$4,000
JD 3010	$4,500
JD 2510, wide front	$5,000
JD 2510, gas	$3,500
JD 450 Crawler Loader	$10,500
JD 100 Stacker, Like New	$3,500
White 2-150, cab & air	$8,500

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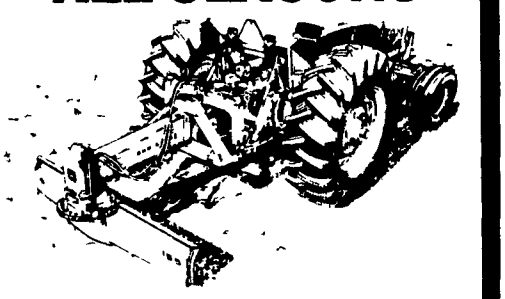

- Choose from 6 models of John Deere rear blades to suit most any blading chore.
- Select from a wide range of blade sizes from 4 to ten feet.
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JD 34 Rear Blade, 4 Ft. . . . Reg. $285.00 Sale $225.00
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JD 95 Rear Blade, 8 Ft.. . Reg. $1,365.00 Sale $1,150.00
JD 95 Rear Blade, 9 Ft.. . Reg. $1,425.00 Sale $1,210.00
JD 115 Rear Blade, 8 Ft.. . Reg. $1,595.00 Sale $1,285.00
JD 115 Rear Blade, 9 Ft. w/Hyd. Offset & Tilt Brackets . . . . . Reg. $1,950.00 Sale $1,650.00
JD 155 Rear Blade 10 Ft . Reg. $2,879.00 Sale $2,375.00

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Cooper Ent., Inc.
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SAVE 50% PTO Alternators 20KW, $1,550.; 40KW, $2,195.; Engine driven alternators 4KW, $595.; 5KW, $695.; Pressure Washers 800 PSI, $399.; 1200 PSI, $895. Call 1-800-231-8277. Dunham Co.

Sale: Kuhn FC55 disc mower conditioner, 3 pt. hitch, 6'7" cut, good condition, $2,000. Huntingdon Co. 814-669-4634.

SKID STEER: Case 1530B, 2 buckets, blade, needs motor, $2,000. 301-833-9091.

Sun-Master 4R stalk shredder. Lamco forage wagon, 3 beaters & roof. Husky 400 gal. field sprayer. 717-225-3380.

JD 4240 tractor, cab, air, dual outlets, weights, sharp, $15,800. 301-733-2195

Turbo complete w/ manifold off JD 2030, $350. 717-532-8926.

NH 519 spreader, hyd. end gate, splash guard, top beater, T bar chain, good condition. Berks Co. 215-944-9606.

NH 775 skid loader, 3 cylinder Deutz dsl., good condition, $5,500. Lanc. Co. 717-354-6706.

NH flail chopper, $700; JD #40 manure spreader, $300. Chester Co. 215-696-1387.

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* 1 & 2 Bottom Plows
* Discs - 4' - 8'
* Blades 5'-8'
* Box Blades 4'-8'
* Stone Rakes 6'-8'
* Post Hole Diggers
* 1 Row Cultivators
* Dirt Scoops
* Boom Poles
* Rear Carriers
* Wood Saws
* Fertilizer Spreaders
* Concrete Mixers
* Field Cultivators
* Potato Plows
* Hay Rakes & Tedders
* Rotary Mowers 4'-6'
* 5'-6' Finish Mowers
* Bale Carriers
* Sickle Mowers
* Rototillers
* Log Splitters
* Power Winch
* 8 Ton Wagon Gears
* 10' Tilt Trailer
* '78 Dodge Club-Cab, 4WD PU
* '78 TransAm

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Lots of Used Equipment

KUTZ FARM EQUIPMENT
Pine Grove, PA
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1976 Deere 7700 turbo, hydro, shedded, clean, $10,900. "The Combine Man", 814-635-3689.

1980 JD 7720, 1300 hrs., excellent condition, 215 flex head, 643 corn head. 301-831-5217.

1981 Ford 4600D, weights, remotes, 759 original hrs., like new, stored inside, $8,950. Consider trade for older Ford. 717-272-2352

1983 Long 610SM, cleat track, 3 pt. hitch, PTO, single spool hydraulic, 64 h.p., 160 hrs., like new. Asking $9,000. 516-765-1248

USED TRACTORS

JD 4040 Power Shift
JD 2840
Farmall 400
Farmall H
Farmall Super A
Ford 6000 w/Cab
Ford 8000 w/Cab
JD 1520 Row Crop, Gas

USED COMBINES AND HEADS

(2) JD 6600 Combines
(2) 444 Cornheads
213 Grain Table
JD 6620 Sidehill

Reasonable Offers Accepted!

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Hay Equipment
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NEW TRACTORS & EQUIPT.

Deutz-Allis 6035, 33 HP, 8F-2R trans
Deutz-Allis 6275, 73 HP, 12F-4R trans., Dual Remotes

SPECIAL OF THE WEEK
All Hay Equipt

Deutz Allis 6080 84 HP 12F/3R trans cab
Deutz Allis 5220, 21 HP 12F-4R trans turf tires
Deutz Allis 6265 65 HP, 12F 4R trans., dual remotes
Landini 5830 42 Hp 12F/4R trans 4WD Make Offer
SM40CR Mower Conditioner $4,545
HD 490 Square Baler w/Thrower 23T per hr., $10,150
KH-500 17' rotary tedders $2,595
KH-300 9'10" rotary tedders $1,595
KS-85DN 9'10" rotary rake $1,995
KS 150AS 10'10' rotary rake $2,095

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DX 160 Radials, Cab, Air, Heat
MF Ind Tractor & Loader, Shuttle Shift, $5,900
IH 656 Dsl., Cab, 15 5x38 tires
MF 65 Tractor Mechanics Special
NH 850 round baler, excellent shape
JD 1209 mower conditioner stub guards $3,500
Deutz Basic F2L 912 Rebuilt Exchange Engine w/warranty $1,620 Block & Crank Must Be Rebuildable

Stauffer Diesel Inc.
RD 3, Box 659-B
Pleasant Valley Rd.
Ephrata, PA
PHONE 717-738-2500

Pull type Speed King 20' fold up field harrow w/2 cylinders and spiked rake, $550; 4R JD corn planter w/disk openers, good condition, $375; 4-16" JD #1350 semi mounted plow w/gauge wheel and cylinder, $675. 717-534-1253.

Tye 10' no-till grain drill, 15x8" pull type, $7,800. 215-459-3646.

V snow plow, $185.; NI 752 crimper, $375.; 801 Ford tractor w/snow plow, $2,975.; IH trailer 100 mower, $695. 717-354-0266

WANTED: Good, used, NH 311 hay baler; New 456 NH mower; 752 NI crusher; NH 1003 bale wagon. 717-295-3137 or 717-394-5573

NH L35 skid steer, good condition, $4,200. 301-833-9091.

NI 206 manure spreader, like new; Int. Super W-9 tractor on steel. Call 717-768-8679 evenings.

PLANTER: AC 333, 6R no-till, liq. fert., $2,500/Offer. 301-833-9091.

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CRAWLER TRACTOR PARTS

New and Used Parts Available for Cat, Allis Chalmers, IHC, Case, John Deere and others. Rubber tired construction equipment parts available for Hough, Michigan, Galion and Cat Road Graders.
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Wanted: Combine w/10'-12' grain head and 2 row corn head. Write Lancaster Farming, P.O. Box 366, L-114, Lititz, PA 17543.

Wanted: Complete grille, grille housing and grille guard for International 574. Franklin County, 717-263-1881.

USED EQUIPMENT

AC 7000 Tractor w/Cab. Call For Price
IH Model 125C Crawler-Loader w/4 in 1 Bucket

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Vernon E. Stup Co.
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1986 YEAR END CLEARANCE SALE

Prices good until 12/31/86

Manure Spreaders

Tag #			
1429 Starline RH Tank Spreader	$195	1435 NI 213-217 w/Hydraulic Gate Manure Spreader	995
1529 NH 510 Manure Spreader	$695	1488 NI 214-217 w/Hyd Gate Manure Spreader	$795
1447 NH 512 w/Top Beater Manure Spreader	$1,395	1892 NI 218 Tandem Manure Spreader, new web	$1,750
1414 NH 520 Manure Spreader w/Top Beater, like new	$3,450	1843 Hesston 1400 gal Self Loading Spreader	$1,295
1902 NI 213-217 Manure Spreader	$995	1100 NI 214-216 Flail Manure Spreader	$1,190

Tractors

1418 Ford 9N w/Hydraulic Loader	2,150	1406 Hesston 566 w/2240 Bush Hog Loader	Special Price
1433 Ford 3000 w/Sauder Hydraulic Loader	$4,700	1445 Farmall Super C w/ Attachments	$1,950

Forage & Hay Equipment

1554 Gehl FB1580, 1000 RPM Forage Blower, like new	$2,595	1830 IH 830 Forage Harvester, 2 Heads, New Knives, Elec Controls	$3,950
1899 JD 6000 Forage Blower	$795	1485 Hesston PT10, 9' Windrower	$1,950
1715 Gehl FB88 Forage Blower	$650	1478 NH 479, 9' Windrower	$2,695
1648 Dion 60" Forage Blower	$550	1479 NI 272, 7' Cutditioner	$1,150
1851 Gehl CB800 Forage Harvester w/Hay PU, new Knives, Elec Controls	$3,950	1415 Ford 501 3 pt Sickle Bar Mower, like new	$895

Tillage

1401 JD 5 Bottom Semi Mount Plow	$1,495	1457 Pittsburgh 3 pt 8 Disk Harrow	$295
1404 IH 700, 5 Bottom Automatic Reset Plow	$1,695	1408 Ford 3 pt 7' Disk Harrow	$350
1897 Glencoe 9 Shank Soil Saver New Blades	$4,250	1409 Chatanooga 11' Packer	$795

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New Equipment	List	Starting Price 3/10	Daily Reduction	Price Today 12/13
Soil Finisher Glencoe 12'9"	8,379.00	7,482.00	8.00	$5,602.00

Tag# Used Equipment	Starting Price 3/10	Daily Reduction	Price Today 12/13
1881 Corn Planter White 5400 4RN w/liquid	$1,948.00	$ 2.00	$1,478.00
1602 Combine IH 403 w/3RN head & cab	7,890.00	10.00	5,540.00
1920 Haybine New Holland 495 12 ft. Roto Reel SOLD	3,895.00	5.00	2,750.00

Umberger's Of Fontana, Inc.
RD 4, Lebanon, PA (Fontana) 717-867-5161
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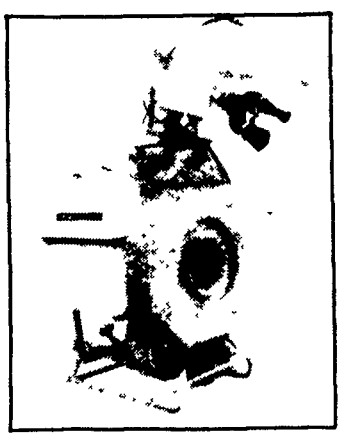

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110 Gal. Fiberglass Tank, 39" Fan, Covers 100 ft., 3 Pt. Hitch Mounted, 12 GPM/285 PSI Pump, Requires 60 HP...

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$5,995

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Two Year Old Systems

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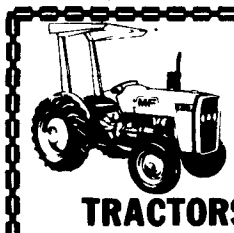

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MF 204 Tractor w/Loader
MF 750 Combine w/Attchs.
MF 510 Combine w/63C Corn Head

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MF 240 Tractor
MF 240 Tractor
MF 283 Tractor
MF 1030 Tractor 4 WD
MF 1020 Tractor w/Turf Tires
MF 1010 Tractor w/218 Mower
MF 1010 Tractor
MF #43 2B Plow
MF 427 No-Till Drill
MF 226 Scraper Blade
MF 227 Scraper Blade
MF 22 Bale Thrower
MF 218 3 pt. Rotary Cutter
MF 222 Scraper Blades
MF 1018 Mower

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McCormick #7 Silage Cutter w/Extra Knives (Good) $325.00
Smoker 24' Elevator $150.00
9' Cultipacker $250.00
2 Used Foretruck w/Brakes ... $75.00 each
1 Used Foretruck w/o Brakes $75.00
MH 20A 9' Drill $150.00
Wisc. VG Engine w/Starter $225.00
2 Horse Bobsled $75.00
Hydraulic Unit w/10 H.P. Engine (Excellent) $475.00
Silage Cart $75.00
Grain Cart $50.00
2 Flat Belt 40' and 50' ..... $35.00 Each
4 Horse Hitch (Steel) Good $50.00
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Farm-Bilt Machine
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JD 2640
Case 2090 Cab
Case 2290 Cab
IH 1066 Cab
Case 580 C Loader
IH 4130 Skid Steer
Case 1740 Uniloader
Bush Hog 3400 Loader

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763 Row Crop
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Gehl 1580 Blower
Mechanical Trans-planter
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5' 3 Pt. Rototiller
JD-AC-IH Corn Planters
IH Grain Drill
NH 8 Forage Box
OMC 217 Mower Conditioner
3 Pt. Log Splitter
Gehl HA900 Hay Head

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New N.I. 272 Cut-ditioner, 7 Ft. Cut, Ideal for Corn Stalks **$4900**
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IH Farmall "C"
Farmall 450 Diesel
Farmall Super C w/Fast Hitch & Cult.
Farmall 400 Gas, Tricycle
Farmall 806D, WF
Int. F12 w/cult., $650 - Runs
IH 240 w/Fast Hitch
Cub Lo Boy w/60" Mower
IH 185 Cub Lo Boy w/Mower — Mechanic's Special, $1,500
IH 340, Utility, WF, FH
IH 460 Utility Gas - Real Nice Cond!
MF 135 gas, low-profile orchard tractor
Ford SOLD actor
JD 430T, 3 pt. Hitch w/Cult & Side Dresser

HAY & FORAGE:
Int. 56 Blower, Rebuilt
IH 61 Forage Wagon w/140 Gear - $750
NH 33 Flail Chopper
NH No. 26 Blower
(2) NH No. 27 Blowers (Whirl-a-Feed)
Gehl FBB 88 Blower
Gehl 99 Hi-Throw Blower, nice!
550 IH Chopper (Parts)
1014 Hesston Mower Cond. — Make offer!
NH 69 Baler w/o Thrower
NH 268 Rake w/Jack
IH 27 Baler - Real Nice
IH 420 Baler w/o Thrower
IH 430 Baler w/Thrower - $1,500!
IH 440 Baler - Real Nice!
(2) IH No. Bale Throwers
IH Direct Cut Head For 15 or 16 Chopper
IH 781 Chopper w/2 Row Head - Like New
NI Stalk Shredder, 12'

TILLAGE:
Brillion Vibra Tine Trailing Field Cult., 16 Ft., Like New
Pittsburg 11'6" Disk
JD KBA Disk, 9' — $750
JD BWA 12' Disk
JD 1710A 12' Trailing Mulch-Tiller, Like New — ~~$3,950~~ — Now $3,550!
IH 37, 35 In Various Sizes
Ford 3 pt Hitch 3-Bot. Plow, 14", Category 2
IH 420 2 Bot. 14" 3 pt. Hitch Plow
IH 550 5-Bottom Semi Mtd. Plow
Int. 360 20 ft. Trailing Field Harrow
1-Bot Trailing Plow
Vicon 10' Power Harrow — Was ~~$2,500~~ — Now $950

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Farmhand Loader for IH 74 or 84 Series Tractor
357 Hawk Bilt Tank Spreader, Tandem Axle- Coming In

IH PARTS COMBINES:
IH 315 Hydro & Plat
IH 315 Gear & Plat.
IH 403 Gear, 4R Wide Hd. & 12 Ft Plat
IH 227 Cornhead
IH 700 13' Platform

COMBINES: 8.8% Int. or Waiver Til 11/1/87
AC FKS Diesel 4-Row Narrow Cornhead, 13' Platform, Nice Shape! — No Reasonable Offer Refused
AC FKS Diesel w/4-Row Wide Cornhead & 13' Platform
IH 205, Cab, 10 Ft. Platform, Real Nice - $4,800
IH 227 Cornhead, fits 315, 205 or 203
IH 843 4-Row-Narrow Cornhead — $3,250
IH 863 6-row Cornhead Real Nice!
MF 550 Hydro, Late Model, Grey Cab, 900 Hours, 1144 Hd. And 13 Ft. Soybean Platform w/23" Tires
JD 45 w/Hume Reel, Good Shape
744 Wide Cornhead for 715
743 Narrow Cornhead for 815

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SIMMS Cab & Roll Bar Enclosure for 574 Series Tractor — $650
ARPS 3 pt. 78" Snowblower
Vicon 281 Mower Cond - Extra Special Price! (New, Demo.)
Walsh 300 Gal Trailing Sprayer
Howard Rotovator, 54", 3 pt Hitch, Hvy Duty - $1,050
Tricycle High Boy Sprayer, Set Up For Sweet Corn, with FMC High Pressure Pump - Needs Work, Make Offer

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Cub Cadet 149 w/42" Mower
Cub Cadet 108 w/Mower
Cub Cadet 106
Cub Cadet 105 w/mower
Cub Cadet 682 w/50" Mower
Cub Cadet 982 w/50" Mower-Rental Unit
JD 210 w/Mower, Nice Shape
AC Big 10 w/Mower
Gravely Model 424, 10 Hp, w/Mower
Yazoo 16 Hp w/48" Deck, Nice Shape
Yazoo For Parts

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IH Model 510 16x7 CO SD grain drill like new
(2) IH 56 4-Row Planters - Real Nice Cond.
IH 400 4-Row Cyclo Planter
IH 2-Row Fast Hitch
IH 455 4-Row
IH 658 6-Row Narrow Dry Fert
4 & 6 Row Cyclos, Field Ready!
JD 1240 Plateless, Liq. Fert., 30" Rows w/DEMCO Squeeze Pump — Nice!
JD Van Brunt 13x7
JD FBB 17x7 DD

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JAMESWAY VENTILATION EQUIPMENT IN STOCK
Limited Availability **50% OFF**

Butler 115 Mix Box (Make Offer) **$6,450**
Vicon 281 Mower Cond (Demo Make Offer) **$9,500**
Trailblazer Foam Marker Kit (List $950) **$ 785**
Century Dye Marker Kits 2 Available At 10% Below Dealer Cost **$350 ea.**
John Blue Saddle Tanks - 200 & 260 Gal. Available In Stock
John Blue 300 Gallon Trailer Sprayer
John Blue 500 Gallon Trailer Sprayer
John Blue 6-Row ...l Bar For Side Dressing SOLD Stock, Ready For Delivery — Only 1 Left!

1-ONLY SPECIALS... 8.8% INT. or WAIVER TIL 11/1/87

IH 4623 Vibra Shank 23 Trailing Field Cult Demo Setup Weathered **$4,895**
IH 4630 Vibra Shank 30 Trailing Field Cult Not Set Up **$5,895**
IH 540 Spreader Used Tires Weathered **$2,645**
IH 144 Cultivator For IH 274 with Rear Section Not Set Up **$1,195**
Case IH 1190 Mower Conditioner 9 Ft Demo **$4,988**

8.8% INTEREST or WAIVER TIL 11/1/87 Plus... $2,000 TO $10,000 CASH BACK ON NEW TRACTORS & COMBINES!

case IH

NEW EQUIPMENT

Int 200 Series Tractors In Stock — All Models Available!
Case 2294 — 4WD — Extra, Extra Special Price Rental Unit
Case IH 1896 — 2WD — 2 In Stock — 1 w/Cab & Air 1 w/4 Post Roll Bar
Case IH 2096 — 2WD & 4WD — Cab
Case IH 2294 — 2WD — Cab
Case IH 585 w/Shuttle Shift
IH 585 — 4WD — Demo
Case IH 685 Row Crop -- ROPS
(3) Case IH 685 -- Orchard Special — Demos
Case IH 385, Low Profile w/Turf Tires — ROPS
Case IH 1594, 4 Wheel Drive 2 Post ROPS w/Power Shift
Case IH 1394 2-Wheel Drive 2 Post ROPS, Power Shift Turf Tires
Case IH 1394, 4 Wheel Drive, Cab Power Shift
Case 1835 B Skid Loader — Gas
(3) Case 1845 C Skid Loaders
IH 183 Vibra Shank 4-Row Cult — Set Up — Extra Special Price
Straw Chopper For 1420 Combine — Make Offer!
Case IH 1660 Combine
1063 6 Row Cornhead, 1043 Cornhead
IH 560 Spreader
Case IH 415 13'2 Packer Mulcher
Case IH 415 10'1 Packer Mulcher
Case IH 145 4 Bot Rollover Plow
Case IH 145 3 Bot Rollover Plow
Case IH No 720 6 Bottom 18' On Land Plow
IH 181 Rotary Hoe
800 6 Row Air Planter — Demo
Case IH 20x6 Plain And Combination Drills
Case IH 18x7 Plain Drill
Case IH No 14 Sub Soiler, Auto Reset

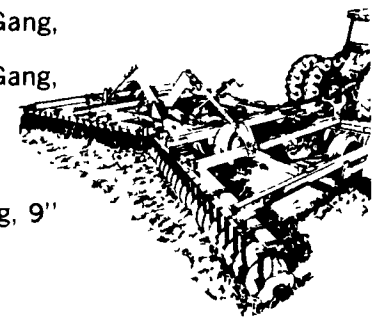
CASH BACK! $2,000 to $10,000 Cash Back On New Tractors & Combines

DISKS

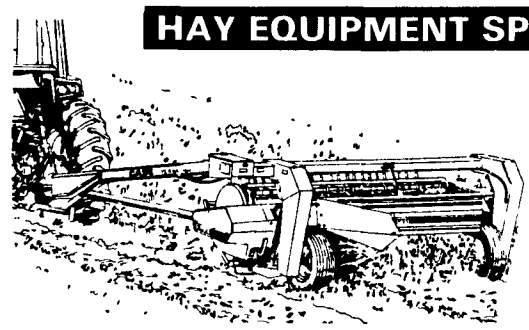
Case IH 496 18x7 Cushion Gang, 7½" Spacing
Case IH 496 18x7 Regular Gang, 7½" Spacing

New Model — JUST IN...

Case IH 475 12', Cushion Gang, 9" Spacing



HAY EQUIPMENT SPECIALS



Will Sell Below Invoice Price!

Case IH 96 Hydraulic Rake
Case IH 1490 12 ft Hydroswing
Case IH 445 Baler with Thrower - Demo
Case IH 3450 Big Round Baler

See Us For All Your Equipment Needs

- Butler Livestock Systems
- DeLaval
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- Deutsch-Fahr Tedders
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- Myers Snow Equipment
- Farm Bilt Hay Wagons
- Sprayer Parts headquarters
- John Blue Sprayers
- FMC Bean
- Brouwer Turf Equip
- Grasshopper Mowers
- Myers Forage Wagons
- Hedlund Martin
- Madison Silos
- Ag Chem Sprayers & Parts
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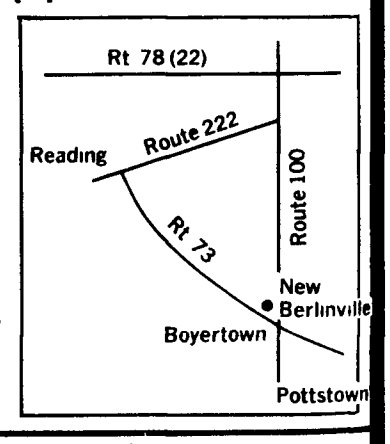
- Woods Mowers, Blades & Backhoes
- Trailblazer Foam Markers
- Cub Cadet Lawn Equip.



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case IH

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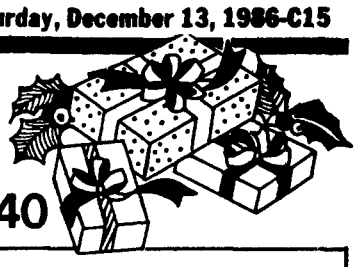
STITZEL FARM EQUIPMENT, INC.



East Windsor St. & Krick Lane Hamburg, PA 19526

Phone Bus. 215-562-8377 Home 215-562-7451 or 215-562-5740

COMBINES W/GOOD SELECTION OF HEADS

We have 12 late model, very nice, local, one-owner combines.

1983 MF 860 Hydro V8 motor, fully eq., low hrs., looks like new, w/rear whl. drive w/1163 C.H. & 15' flex U2, reel, like new.

M.F. 1980 750 Gray Cab, Hydro, fully eq., 700 hrs.

JD 6620 Side Hill w/700 hrs., looks like new; JD 4420, low hrs., very nice; 1976 JD 7700, real nice.

JD 3300 Real nice w/2 heads.

JD 8820 fully eq. w/Turbo Hydro w/Reverse feeder house and chopper, very nice.

JD 6620 S.H., 800 Hrs., real nice, just out of field working. For $39,500; JD 6620 LL, 900 hrs., 1 owner, nice; (75) 6600 D. Rotary Screen good; 1977 JD 4400 D., C.A. w/23x26 tires.

IH (Used) 1460 Axial Flow - 800 Hrs., 863 C.H. & 15' grain for, $41,500; MF 550 D., C.A., low hrs.

'55 Sq. B. w/Cab - Good; 55 C.S. sq. back w/cab; (76) 915 Dsl., C.A. Turbo Hydro; IH 715 Gas w/Cab & 810 grain for $5,500; 205 w/Cab & 10' G.H.; Gleaner N6 w/R.W.D. & 2 Heads.

('75) 510 D. Hydro w/Cab; N.H. TR70 C.A. Hydro; Gleaner (76) FD. w/C.A.-Nice; Nice; #90 Pull Type.

N.I. 702 & 705 Uni-Systems w/Full Eq.; 767 Super Chopper; NI 727 Husking Beds; NI 737 Husking Beds; N.I. 729A Shellers; MF 300 w/Cab & Q.T. Heads, nice; JD 1210A grain cart.

JD 6620 and 7720 w/low hrs. & both w/4WD. Available This Week.

CORNHEADS: J.D. 843 LP, 643 LP, 443 & 444 LP, 343, 244, 243, (New) Only 1; 443 - $9,100; 313 (45), 205 (40) 234, 435; Late Model 643 & 443, like new; JD 643; 1 JD 443; JD 454 row crop; 653A.

Just Traded: JD 643 & 444 heads; JD 444, low profile, real nice.

I.H. 863, 844, 843, 833, 744, 843, 227.

A.C. GL 440, C440, A438 Black, A630 Black, L2, L438, M430, F430, KF335, F330.

M.F. 1163, 1143, 63, 44, 33, 43, 24, 222, 422.

N.I. 738, 743, 730, 734, 725, 723, 762, 763; Ford 4-30"; Case (404); NH 4 & 6 row.

GRAIN HEADS: J.D. Used 12'-15' Incl. 213 & 215 & (2) JD 216 Flex; JD 213 Rigid.

I.H. 810-13' Thru 16.5' w/Reg. or Floating; 2-New 820, 17½' Flex, $5,500 each.

M.F. 10'-16' Reg. or Floating Bar; A.C. E10', G15'.

N.I. 713 Flex Or Rigid.

Tractors & Equip. Just Traded:

JD 4040 C.A., Q.R., very nice; JD 3020 w/NI 319, 12 roll mounted picker, local trade; Case 1594, P. Shift, low hrs., like new; Farmall 450 gas, PS, WF; F450 Gas w/F.H. & Loaders; JD 230, 21' fold disk, Case 7' 3 pt. chisel plow w/gauge wheels; JD 1710, 10½' mulch tiller; JD 58 loader, excellent.

Late Model Brillion 10' transport seeder; Knowles 16' wing trans. harrow, used 4 acres.

Local Trade: Used JD 4450 C.A. w/490 hrs., like new; (77) Case 970 C.A.P.S. original.

Used JD 4240 C.A., Q.R., 1400 hrs.; Local owner, looks like new.

J.D. (New) 4450 C.A.P.S. w/FWD, $44,200; New JD 2950 w/R.G.; 4640 C.A.P.S., Duals - 800 Hrs., Real Nice; 4640 C.A.Q.R. w/dual wheels; 4440 C.A.P.S. - Real Nice; 4440 C.A.Q.R.; 4240 Q.R. $15,500; JD 2940 w/F.W.D. & 260 Loader, Low Hours; 1977 JD 4230 C.A., Q.R., sharp, 2200 hrs.; 2940 w/R.G.; 8630 4 WD C.A.Q.R., Full EQ. w/Duals; 8430 4 W.D. C.A.Q.R., Fresh Motor - Real Nice; 6030 C.A. Duals - Nice; 4630 C.A.P.S. w/F.W.D., Real Nice; JD 4630 C.A.P.S. w/new tires; JD 4430 C.A.Q.R.; 4230 C.A.Q.R.; JD 4040 PS w/R.G.; JD 4030 w/creeper trans.; JD 4230 D w/RG Enclosure; 2940 w/R.G. & 38" Tires; JD 2630 w/Hi-Lo; 1530 w/Hi-Lo; (70) 5020 - $5,900; JD (5) 4020's 1964-1972; 4020 S.C., W.F.E.; 4020 P.S., S.C., W.F.E.; 4020 w/58 Loader; 3020 D. S.C., W.F.E.; 2520 Dsl.; 2020 Gas; 3020 Gas, PS, original; JD 4520 R.G. & cooler w/30.5x32 tires; 4010 D w/new clutch; 4010 Gas; 730 Gas w/3 Pt.; 630 Gas; 720 D. P.S. w/3 pt; 620 P.S.; 620 L.P.; JD 3010 Gas, real nice; JD 2020 Gas w/L; JD 4010 D., good; JD 2010 Gas, WF w/Hyd. JD Loader.

I.H. (New) 5088 Full Eq. C.A., never used. Sale Price, $33,450; 5488 Full EQ., Radial Duals - Like New; 786, one owner, original; 3288 C.A. West Int., radial tires, looks new; 1086 C.A. w/Dual Whls., original; 1586 C.A. Nice; 1586 w/R.G.; 886 w/Cab 18x38 Tires, 700 Hrs. Like New; 886 w/R.G.; 3588, 2+2 w/Dual PTO, 1300 hrs., real nice; 76- 1066 C.A.; Farmall 1066 C.A., original; Hydro 84, Hydro 70; 784 - 1,000 Hrs., Real Nice; 1568 C.A. - 1,000 Hrs., Real Nice; 1566 w/Cab; 1466 w/Cab; 1066 Hydro - Original; 966 Original; 766D.; 464 utility w/2250 loader; 666 D., WF, original; 674 D.; 574 D. w/Loader; 656 Gas; 806 D - $4,750; 464 Utility, Gas, PS; 1256 w/Cab, Nice; 756 D. W.F.E. & F.H.; 756 G Hi-Clear; 656 Gas - W.F.E. - Original; 656 Gas & Diesel; 656 D. Hi-Clear; 826 D. Hydro; 1206, Nice; 806 D w/3 pt., new paint for $4,475; 706 D. - W.F.E. - 3 pt. - $5,000; 706 Gas T/A, W.F.E.; F.H.; 606 Gas w/3000L; Super M; 230 w/F.H.; IH 240 Utility; 560D.

Local Trade: AC 4W, 305, 4WD, 400 HP, fully eq. w/20x38 Rad. duals, used 120 hrs., like new.

New AC 8050 C.A., P.S., rad. tires, fully eq.; Used AC 8010 C.A., P.S. w/F.W.D.; used AC 6080 w/R.G.

A.C. New AC 6080; AC 7045 C.A.P.S.; (Used) 7045 C.A. - 20 Spd. - Real Nice; 7040 C.A.P.S., Like New; 210 - New 20.8-38 Tires; AC 200 D original; D17 Series 4 - w/3 pt.; AC 220, real nice; XT190D. w/3 pt..

CASE (Used) 1690 C.A.P.S., 200 hrs.; Case 2590 C.A.P.S. - 925 Hrs. - Like New; 1370 C.A.P.S. Factory Duals - Full Wts.; 380 D. w/R.G.; Case 2390 C.A.P.S. $14,800; 930 C.K. w/3 pt.; Case 885 D. w/L.

M.F. 2675 w/R.G. w/1,000 Hrs.; 1155 C.A.M.P. - $8,500; 1135 C.A.M.P.; New 698 C.A., 4WD.

Ford TW 35, used 150 hrs., local trade, like new.

Ford 9700 C.A., real nice.

FORD TW-20 w/220 Hrs. - Damaged; Ford 641 w/Hyd. Loader; '52 Ford 8N; Ford 4000 SU w/PS; Ford 3000 w/PS.

OLIVER 1855 w/20.8-38 tires; 1950 T w/Cab - $5,975; 1650 D., WF w/3SP; 1550 gas.

WHITE 4-210, 4WD w/duals, 3 pt. fully eq., 1600 hrs., real nice; (New) 2-65 w/F.W.D. & (New) 1730 Loader - List $29,000 Sale - $19,900; 2-135 C.A.; 2-85 w/R.G., canopy & 18x38 tires.

MISC. Long 445 D. w/4WD, Loader, good.

Tractors Coming In:

AC 6080 w/FWD; New MF 698 C.A. & FWD; Used MF 275, 1080, 1085.

(Several farm stocks purchased recently) IH 3288 w/C.A. w/670 hrs.; 1086 cab & air; JD 4440 w/P. Shift & R.G.; Case 2590 CA, PS; Case 2090 CA, PS, $14,800; 970 fender, original; JD 4230 CA, QR; 4320 real nice; J.D. 2940; 4020 SC; 3020 D.; JD 4520 w/Factory Cab; JD 2840, 1 owner; Farmall 76-1566 CA, duals; Int. 464 Utility, Gas; Ford County Super 6, 4WD, w/3 pt.; Farmall Super A w/Cult., Plow & Sickle Mower; Owatonna 1700 Skid Loader; Brillion transport wing harrow.

JD 4630 S.R. Cab & Air; JD 40 w/3 pt.; Case 310 Crawler Loader; Dunham Lehr 8R hydraulic fold S tine cultivator.

TILLAGE EQ.: IH 800, 9x, auto reset, flex plow; Bush Hog 20' Hyd. Fold Disk.

AC 28' Hyd. Fold Disk; Ford 236, 9' Heavy Disk, like new; Glenco SS18 Fold Soil Saver; Field Queen Side Dump Wagon; Farmhand 880 Big Tub Grinder; JD Planters 6R Cons. w/Dry Fert.; 6R Cons./Liq. Fert.; JD 7000, 4R.

CORNPICKERS: (Used) 325-2RN w/8 or 12 Roll Husker, Shellers & Super Shellers; (Used) 324-2 RW w/ 8 or 12 Roll Huskers; Shellers & Super Shellers.

New N.I. 329 Super Sheller List $6700.00, Special $3,550.

N.I. 330 - 3 RN w/Supershellers; 325 2RN w/Grinder.

JD 3020 w/NI 319 mtd. 12 roll picker, very nice; JD 237 mtd. picker.

PICKER: NI 323, 1R, $1,950; NI 311, 2R picker priced right.

Just Traded: NI 325 w/12 roll bed.

Ford Blue, 1R side mtd. picker, real nice.

FORAGE EQUIP.: Forage Harvesters w/Choice of Heads.

NEW
NEW IDEA CORN PICKERS
BELOW WHOLESALE
Truckloads of 1R #323 & 2R #324 Pickers.
Also Super Shellers & truckloads of parts.
Save 40 to 50%
Dealers Welcome Also
NEW IDEA
Available Only From Stitzel's Excellent Financing Available

J.D. 5440 S/P w/R.W.D. C.A. - Hydro; 5200 S/P w/R.W.D. C.A.; Hydro; JD 3R 30" & 3R 34 & 38" rows, like new; Silage heads & 7' hay pickup heads; 3800 w/Elect. Controls; 38; 5200 S/P w/R.W.D. - Fire Damaged Cab.

N.H. 890, S717; NH 880 w/2RN C.H., real nice; NH 782 w/heads; NH 770 w/heads; 3 NH Super 717 w/1R C.H. $1,000; NH 718 w/1R or 2R C.H.; NH open end hay pickup heads, 6', like new, $1,000; NH 890 w/2 or 3R C.H.; NH 890, 2R Super Head; NH 890 direct cut head; NH 707 3 pt., 1R & PU head, good.

GEHL 1200 w/3R C.H. & pickup.

GEHL 600 w/2R; IH 830 w/3RN & Pickup $3900; JD 34, good.

FLAIL CHOPPERS: NH Used 38; NH 36.

FORAGE WAGONS: 2 JD 716A w/roof & JD 1275 tandem gear w/heavy tubes & tires, new in '85, like new, $7,950; N.H. #8 w/roof, like new; New Pequea hay tedder, $1,285.

HAY EQ.: BALERS: J.D. 346T w/Thrower; NH 310 w/Thrower; NH 320 w/70 Thrower; NH 420, real nice; NH 275 & 273T w/Thrower; N.I. 456 Round Baler; N.H. 851 Rd. Baler.

RAKES: Used NH 256 for $1,450; NH 260 & 258 w/dual hitch setup.

N.I. (New) 406 w/Dolly Wheel - $2,275.

J.D. 660 w/Dolly Wheel; New Deutz Fahr 17' Hay Tedder, $2,500; Used Grim 17' Hay tedder.

HAYBINES: N.H. 1495 S/P Hydro C.A.D. - 1,100 Hrs.; (Used) 489, 488 Nice; (2) 479; 472 7' (Nice) like new; (82) NH 489, real nice; NH 477, 7' for $2,350.

(Used) M.C. 7E; N.H. 1034 Stack Wagon.

FORAGE HEADS: N.H. 717-S Direct-Cut for 770 & S717; 737 Direct Cut For 717; 890 EN-2RN Snapper Head; 770-1R Snapper Head; 1, 2, & 3R Silage Head; NH 822, 2R for 770 or 890.

J.D. 8' Direct-Cut Head; 1, 2 & 3R Snapper Heads; 2 & 3 R Silage Heads, New & Used 5½' Hay Pickups; 7' Hay Pickups; 4-R Stalker Head - Real Nice; JD 243 C.H. w/adapter plate; 3 JD C.H. harvester adapter plates.

I.H. 2 R.N. Silage For 550-650.

FOX 2 CSB 2RW - Snapper Head; 263-2 RW; 215-109 Hay Pickup; 476 - 7' Hay Pickup.

GEHL HA 400 Pickup.

PLANTERS: (Used) 7000-6R Cons. Liquid w/No Till; 7000-4R Dry & Liquid; IH 800 Cyclo 8R 30" w/liquid Fert., insect, & monitor; JD 4R Cons. w/Dry Fert. & Insect.; JD 7000, 8R w/Fert. & Insect; JD 1240 plateless, nice.

I.H. 800 Cyclo - 6R w/Dry Fert.; Ins. & Monitor.

WHITE 5100 - 6R Drl. w/Cult.

DRILLS: JD 8300 (Like New) D.D. 100 Acres; 21x7 D.D. w/Soybean Att; IH 510-16x7 S.D. w/Fert & Grass Seed; J.D. 8350 21x7 D.D. w/Fert. & Seed.

New JD 28' Hyd. Fold Rotary Hoe Under Dealer Cost.

GRINDERS/MIXERS: Brady 1050 Hydro. Gr. Mixer; JD 400.

IH 1150, nice.

BLOWERS: NH 27; JD 6500, nice.

TILLAGE EQ.: PLOWS JD 2 & 3x #845 Rollover; I.H. 5x16 Semi-Mount w/Spring Reset; OLIVER 546 - 5x16 Spring Reset; I.H. 720- 6x20 sp. reset; I.H. 700 - 6x16 Spring Reset; WHITE 549-7x sp. reset; WHITE 549 6x18 Spring Reset On-Land; J.D. 7x; M.F. 6x on land hitch; (2) JD 4x16.

JD 2500, 6x18 sp. reset.; JD 8450-4B Rollover Plow.

DECEMBER YEAR END SPECIALS

TRACTORS	
JD 2010 Gas Trl P S	$ 1,925
JD 4010 Diesel Trl P S	$ 3,950
JD 4620 w/Cab Good Cond	$ 9,500
JD 4230 Cab & Air Quad Range	$11,950
JD 4430 ROPS	$ 9 750
JD 6030 Cab & Air (175 HP) Nice	$12,950
JD 2940 w/Hi Lo 2 Post R/G	$12,500
I H 706 Gas Trl F H	$ 3,250
I H 606 Gas w/Loader	$ 4,250
I H 1206 W F E	$ 5,950
I H 1468 V 8 C A (145 H P)	$ 5,950
Case 1070 Power Shift	$ 4,900
A C 180 Diesel W F E Very Good	$ 4,950
M F 1100 Diesel w/Multi Power	$ 3,750
M F 1135 w/2 Post R/G	$ 6 950
Ford 9600 w/Cab & Dual Power	$ 7,450
COMBINES	
J D 6600 Diesel w/Cab & 15 Grain Good	$ 8,500
J D 6600 Gas w/Cab (Needs Some Motor Work)	$ 4,500
I H 203 w/13 G H & 227 C H	$ 1 950
I H 915 Diesel Hydro w Cab 13 G H & 744 C H	$ 7,500
Gleaner E w/10 & 238 C H	$ 2 350
Gleaner L Diesel w/Cab (Corn Soybean Special) w/15 G H & 438 C H	$ 8 950
M F 510 Diesel w/Cab & G T Grain	$ 5,875
TILLAGE EQ	
New Landoll 230 22 Hyd Fold Chisel List 11 000+	$ 7,450
New DMI 12 Chisel	$ 2,350
Used Brady 1000 14 Chisel	$ 1,500
IH 480 Wing Disk 20	$ 2 250
Kewanee Wing Disk 20	$ 1,350
MISC.	
J D 336 W Baler w Thrower Real Nice	$ 4 450
N H 280 Wire Baler w/Motor	$ 995
Fox Super D Self/Propelled Chopper w 2RW Corn head	$ 4 000
J D 7000 6R Plate Planter	$ 3 750
I H 400 Cyclo 6R Liquid Planter	$ 1,500
New 8 Heavy 3 Pt Blades	$ 575

CHISEL PLOWS: JD 14' w/Gauge Wheels; Brillion 12' w/gauge wheels & harrow; Brillion 8' & 9'; I.H. 55-12'. DISCS: Miller 10' Offset; Hutch Master 9' Offset Disk; JD 310, 13'; JD BWA, 12; A.C. 25' Hyd. Fold; JD 230, 20' hyd. fold; JD 215, nice.

MULCH TILLERS: Glencoe SS13 Hyd. Fold Soil Saver; J.D. 1710 - 11'; Krause 2800 - 14'.

CULTIMULCHERS: New Dunham Lehr 13' at dealers cost; JD 3 pt., 12' Mulcher.

PACKERS: (New) Brillion - 12'; (Used) Brillion 10, 12 ft.

CULTIVATORS: J.D. RM 3 pt. 6R rear; JD 4 row 3 pt. rear; Case 6 to 8R 3 pt. hyd. fold cult.; Littleston 4R field cult. J.D. 1000-25' - Hyd. Fold.

MISC: I.H. #2 & 7 Shank V-Rippers; Glencoe Soil-Finisher 12'9" - Like New; Howard 13' Rotavator; Bush Hog 7-Shank V-Ripper $1,650.

INDUSTRIAL: CRAWLER LOADERS: JD 450B loader; A.C. H-3 w/6 Way Blade; A.C. 500-21' Forklift; J.D. 840 Self Loading Scraper; Bobcat 722 Skid Loaders.

AC 715B L & B.; Clecteac crawler w/blade; Long 1199A, 3 pt. Backhoe, w/hyd. pump.

LOADERS & BLADES: J.D. 48, 58, 148, 158, 36; IH 2350 2355 (New); Used 2001 New Great Bend 700; NI Loader; MF 246 Loader; I.H. 8' Blade Fits 400-560; (New) J.D. & I.H. Buckets; New Leon Heavy Front Blade for 4WD; Caldwell 7 & 8', 3 pt. blades; NI 4R shredders; Brady 4R shredder; JD 400, 15' rotary hoes.

LAWN & GARDEN: IH Cub 154, Cadet 682; JD 950 dsl., real nice.

J.D. 318 w/3 pt., used 110 hrs.; JD 400 w/loader; AC 620 w/Mower.

J.D. 400, 314, 317, 300, 214, 212.

Trailer load of (New) Killbros Bins & Running Gears; Artsway 800B w/Elect. Scales - Like New, $5,850; Feedwagon; Bestl- and Rock Picker; Ford 3 Pt. 7' Sickle Mower; J.D. 350 Sickle Mower; (New) Sidewinder 213-13' Rotary Cutter; (New) McKee Snow-Blower Front-Mount; Tandem axle fert. spreader 4 sq. axle fert. spreader; JD Quick-Couplers; Sets Of Press Wheels For J.D. Drills; (2) New Sets J.D. 38" Cast Whls. & Rim For 4640; I.H. Flat Top Fenders For 706-1466; CABS For Tractors - J.D., I.H. 66 Series; (New) Full Vision Cabs For M.F. 165 Thru 1135; J.D. & I.H. Front & Rear Wts.

Coming In: 30 ton new IH front & rear weights.

J.D. & I.H. Roll-Guards; Fast Hitch for 560 & 450; JD belly mowers for JD 850 & 950 etc.

Heavy Front JD blade for 3020 & 4020, etc ; 30 sets of Dual Wheels.

STRAW CHOPPERS: For J.D. 4400, 6600, 6620, 7700; M.F. 510.

TRUCKS: I.H. Scout 4x4; DELTA 44' Combine Trailer; 1979 Polar AM 42' 6200 gal. milk trailer.

MECHANICS SPECIALS: TRACTORS: J.D. 4230 P.S. - Trans; 4020 Tri; 4320 w/Cab.

I.H. 1256 - Motorwork, $3,950.

CASE 1410 - Motor.

WHITE 4-150 4 whl., needs motor work, $4,950.

OLIVER 1855, needs motor, $2,850; Oliver 1800 motor work, $1,950; ACXT190, clutch, $3,950; MF 1135 w/R.G., $6,950; JD 4520 w/Cab, $6,950; Farmall 1586 w/fire damage cab.

Largest Selection Of Farm Equipment In The East

1 FARM EQUIPMENT

TRACTORS
TW30 w/Duals
Ford 861
JD A
MF 180
IH 1066 w/Cab
Ford 3550 TLB
Ford 7710 w/Cab
Ford 7700, 4WD, Less Cab
Ford 5610 Less Cab
Int. 656
AC 160
Ford 4000 Gas, SOS
Ford 1100 2WD
Ford 1100-4WD w/mid mower
8 & 9 N's

EQUIPMENT
NH 489 Haybine
NH 78 Baler w/Thrower
JD 24T Baler w/Kicker
NH 717 Harvester
NH 782 Harvester repossessed
NH 717 Single Row Corn Head
(2) Grove Chuck Wagons
Lots of Lawn & Garden Tractors w/Mowers & Snow Blowers.
Artsway 325A Grinder Mixer w/Scales
NH 425 Skid Loader
Bobcat 843 Skid Loader Perkins Dsl.
Bobcat 610 Skid Loader

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Complete Assemblies, Trans. Engines, Hydraulics, Etc.
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JD 4840, Cab, Duals, 1983	$23,000
JD 4640, Cab, Duals, QR	$20,000
JD 4440, SOLD, 4 WD, QR	$18,500
JD 4240, 4 WD, Cab, QR, Nice	$18,500
JD 4240 w/Cab, 4WDr, QR	$16,200
JD 2350 Dsl, new,	$13,000
JD 42 SOLD ab, 4WD	$10,500
JD 4230, 4 Post, QR	$8,000
JD 2120 w/145 ldr., nice	$7,200
JD 3300 Combine Dsl, late mdl	$7,000
JD 4520 SR, 2900 Hrs.	$6,800
JD 4020 Dsl., WF, Sharp	$5,500
MF 235 Dsl., 1200 Hrs.	$5,000
JD 301 SOLD , NF, Needs Work.	$2,000
JD 1600 Chisel Plow	$1,150
Farmall S SOLD M On Steel	$1,050
JD WFE for 3020 & 4020	$1,000
JD 60, Fair Cond.	$950
JD 830 SP Windrower	$875
JD Cab For 4020 or 3020	$850
JD 13 Dis. Grain Drill, Nice	$650
JD Weights.	Half Price
Zimmerman Elevators & Wagon Gears	
Farmco Metal Feeders & Bale Bodies	
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Brand New Extension For NH Chuck Wagon, Wooden Sides & Metal Roof	$350
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The Classified Livestock Section Has Beastly Selections!

IH Model 240 w/3 Pt. Hitch & Rotary Mower
$2,195
MANOR EQUIPMENT, INC.
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D4 Cat. Angle Bull Dozer, angle blade, $3,500
1926 Massey Harris, antique tractor, runs good
1928 Farmall, regular
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Patz Liquidvator
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500' of Patz Gutter Chain.
Hesston Liquid Spreader, Self Loading
Case 310 Dsl. Track Loader
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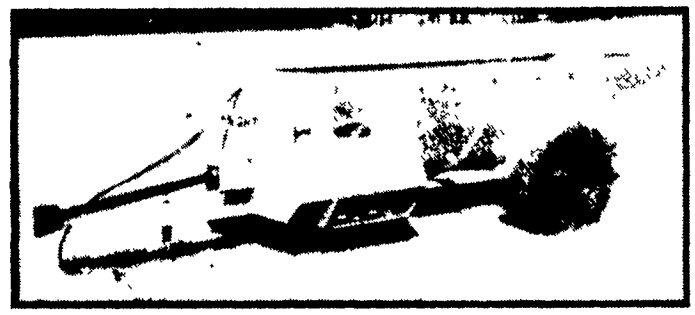
Last One In Stock At A Discount Price!

"SLINGER" MANURE SPREADER

MODEL 912
900 Gal.
190 Bu.



★Spread faster and more efficiently with a beautiful spread pattern, instead of lumpy or clumpy.
★Handle sloppy, semi-fluid, gutter manure, frozen chunks, dry litter, wet litter, most pen packed, even lime sludge.
★No apron chains, no flail chains, excellent cleanout, narrow hammers pulverize manure better than wide paddles, the drive line is massive and extremely simple to maintain.
★Look over a Slinger at your local Knight dealer and try one in your operation.
★Spread all your manure with a Slinger Spreader from Knight.

You can depend on a Knight
Since 1945

List Price Over $6,200

DISCOUNT SALE PRICE ONLY $4,995

Get High Quality...Only Two Left At Discount Price!

"350" MANURE SPREADER

The model #350 is the spreader that has proven so popular with large operations across the country. Capable of hauling 10 tons, the model 350 is a real money saver when "time is money." 10 ga. bottom and 11 ga. sides of copper bearing steel welded into one unit - ward off rust and corrosion from weather and manure acids. The heavy auger style beater with alloy steel "ripper" teeth makes easy work of spreading frozen and solid pen manure. The oscillating tandem axle assures a smooth ride over the roughest terrain and high flotation in soft ground conditions. A heavy 10 bolt single axle is also available. Addition of the hydro-fluid endgate provides a positive seal for sloppy manure. 4"x4" hardwood rails are standard on the #350. The auger top beater (optional) levels and helps to evenly spread that extra high load.

- One In Stock w/Top Beater, Hyd. Endgate, Used Tires, Less Lower Spinner Beater
  DISCOUNT SALE PRICE... $5,750
- One In Stock w/Top Beater, Hyd. Endgate, Lower Spinner Beater & New Re-cap 10.00x20 Tires
  DISCOUNT SALE PRICE... $6,230

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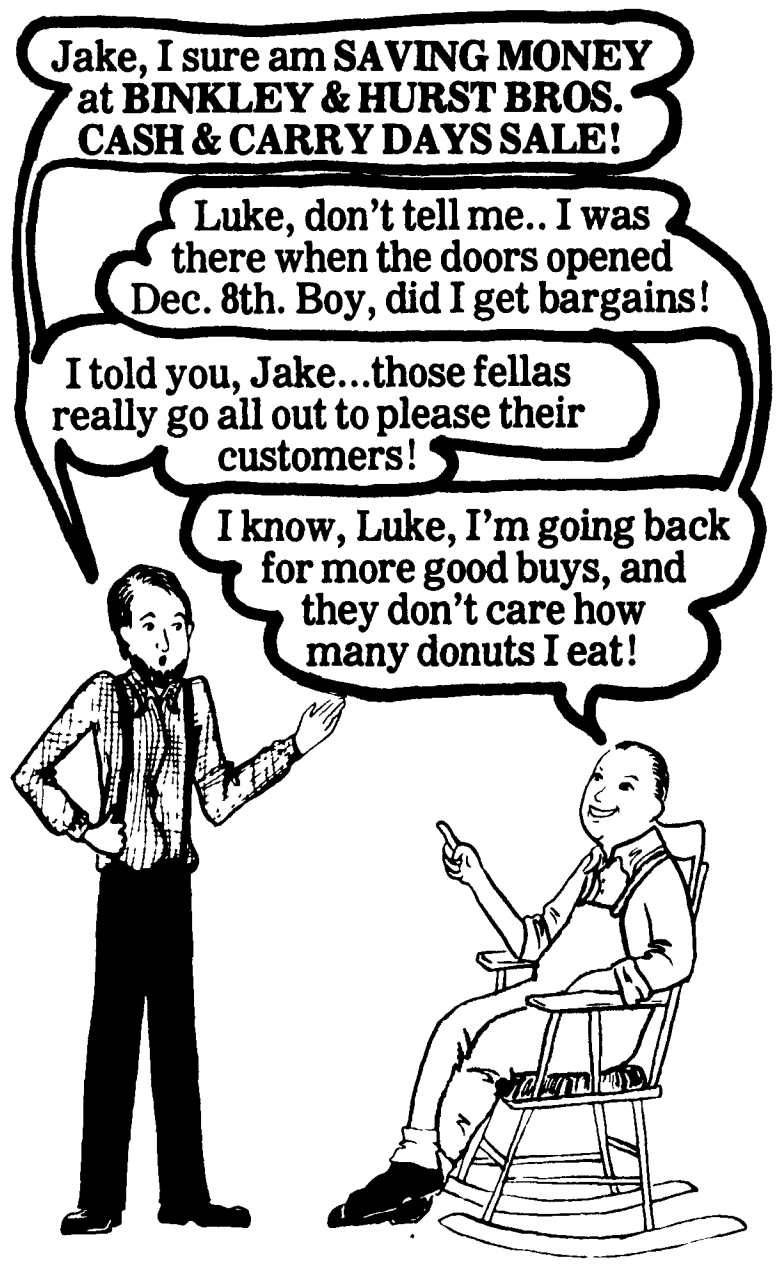
Jake, I sure am SAVING MONEY at BINKLEY & HURST BROS. CASH & CARRY DAYS SALE!
Luke, don't tell me.. I was there when the doors opened Dec. 8th. Boy, did I get bargains!
I told you, Jake...those fellas really go all out to please their customers!
I know, Luke, I'm going back for more good buys, and they don't care how many donuts I eat!

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Combines, corn heads grain heads-inventory moving fast. It's hard to keep up with advertising. Wholesale prices only. Call us. "The Combine Man". 814-635-3689

Two Chisholm Ryder 2R snap bean harvesters; IH 504 gas; IH 504 dsl. w/dump cart, good condition, $8,800 for the pair. Columbia Co. 717-784-0259 or 784-1038.

MF 410 diesel, kept in, emmaculate, 13' and corn head, $7,950. Larry Stalter, "The Combine Man." 814-635-3689

MF 750, 6-30" and grain head, very good, $12,750. Larry Stalter, "The Combine Man", 814-635-3689.

MF 760 Dsl., V8 hydro. Combine. AC cab w/ heater, 30.5Lx32 tires, 16' table w/pickup reel & auto. header heights control, Chopper & bin extension, v.g. condition, 301-272-2620 night.

MF Super 35 combine, 2 heads, in almost new condition, $1,950. 219-862-2151.

MF tractor, 1085 diesel, 900 hours, 3 pt. hitch, dual hydraulics, 12 speed, 16.9x38 tires, like new. $6,900. 609-768-1634.

MM 900, completely redone, new tires; NH 850 round baler, always kepted inside. 301-833-1847

Lockwood 423 4 row potato planter; Super VI potato harvester, belted chain in excellent condition; Mark 76 potato harvester, belted chain in excellent condition 302-734-9966, 8:30 a.m. to 4:30 p.m. 302-734-7645 after 6 p.m.

John Deere 3020 dsl., WF, side console, dual outlets, syncro, excellent condition. $6,000/offer. 301-876-1956.

Kubota B7100HSD, 16HP, 4WD, hydrostatic tractor w/5' mid mower, low hrs., very good condition. 814-364-9333 after 6PM.

New drain oil heater, $275; IH #37 baler, $100, has broken needles; MF 65 NF gas w/P. steering, good tires and paint, 3PTH, $1,700. 717-534-1253.

JD 2 row potato digger, on rubber, model #30, power takeoff, hydraulic lift, in good condition $950

Cunningham stem crusher, model #60, 7' pull behind, in good running condition $450

Irrigation System, complete w/Hale, model #40RB-1000, power takeoff pump (like new), 1,000 gpm at 100 PSI at 1,000 rpm (requires minimum 50 h.p. tractor), includes 1,100' of 4" & 5" aluminum pipe, fittings & 10 sprinkler heads $5,200

Snoco rotary corn cleaner, complete w/electric motor (used to preclean shelled corn prior to drying or storage), like new $300

215-262-6205 After 7 p.m.

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Case 995 w/HD Loader
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NI 214 Flail
NI 323 Picker
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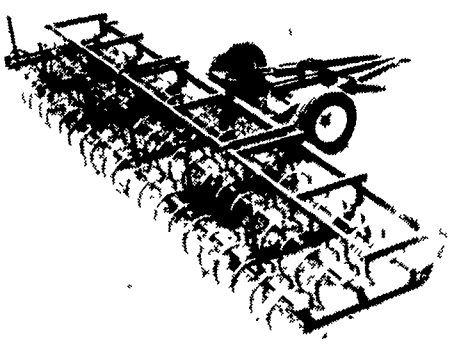
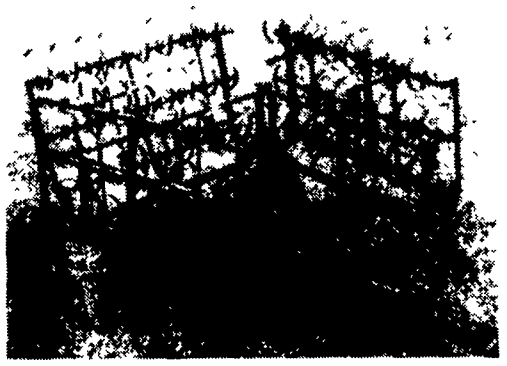
FIELD STAR
Spring Tooth Harrow w/Hyd. Cart

Features:
- Compact but strong frame made of heavy wall structural tubing.
- Hydraulic lift linkage is also strong, but compact.
- Hitch pole is extra strong 4" square heavy wall tube. Standard length is 9'5". Extra long, 11'5" pole is available for more turning clearance when used with dual wheel tractors.
- Wings are pulled with flexible, high strength aircraft cable for easier folding of wings.
- Sections have 2" square tooth bars, wide, heavy tooth clamp, ½" Grade 5 bolts to secure teeth, and have replacable high carbon skid shoes.





Specifications:
- 15"x6 bolt wheels are standard.
- 11Lx15 tires are recommended, but not included. Optional tire package is available. See below.
- Hydraulic cylinder not included. 3½"x8" is required.
- Maximum transport width is 13'6".
- Parking jack is standard equipment for easier hookups.
- Hinge pins are 1" Grade 5 bolts.
- 23" tooth bar spacing.

McFarlane Model	Working Width	No. Teeth	Approx. Weight
HDD-16	16'	48	2250#

List Price Over $3,000

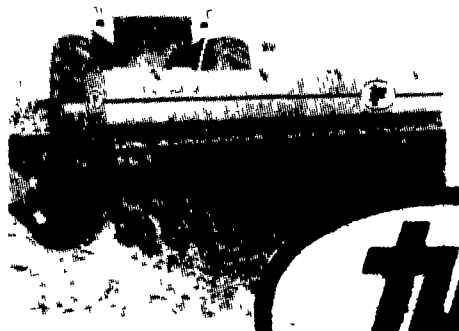
DISCOUNT SALE PRICE $2,250

Must Sell...TAKE ALMOST $10,000 OFF List Price!

tye

No Tills

• Stubble Drill™ • Pasture Pleaser®
• No Till & Drill



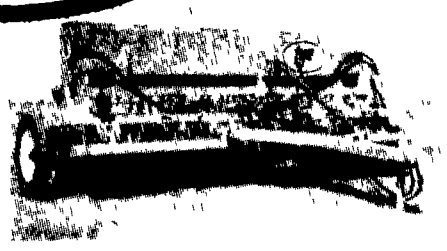
Stubble Drill

- Spring Swivel Coulters with specially designed tapered roller bearing hubs
- Front Seed Delivery Double Disc Openers
- A wide choice of optional Press/Depth Control Wheels
- Tye's Internally Fluted Seed Dispensers
- Heavy Duty Frame - built for handling the extra weight and rugged conditions required in No Till Farming

tye®

HEAVY DUTY PULL-TYPE DRILL w/13'4" WORKING WIDTH
New Demonstrator - One Only
TYE MODEL 1044524

No Till Drill w/8" Spacing, Grass Seed Hopper, Standard Soybean Hopper, 2" Width x 13" Dia. Press Wheels.



Stubble Drill

Don't Miss A Bargain!

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BUY NOW FOR ONLY **$6,900**

NOTICE...Consider This -
Due to changes in the Tax Laws, it is now advantageous to consider a new, highly competitive Lease Purchase Program, which includes 100% Financing and Low Rates on new and used agricultural and construction equipment w/credit approval.
See Us Soon For All Your Needs! Remember, new & used equipment qualifies.

If You Don't Recognize This Tool, Stop In And See The Possibilities This Machine Offers!

GLENCOE® MODEL HT
High Trash Row Crop Cultivator
For conservation tillage practices

New High Trash, No Till Ridge Cultivator

MODEL HTS 430
4-30" Rows

List Price $6,183
DISCOUNT SALE PRICE $4,495
One Only

FARMHAND • DUNHAM LEHR

40 CULTIPACKER

- (2) New Dunham 12 Ft. Cultipackers w/34-17" Rollers, Approx. Wt. 1470 Lbs. (Transport Kit & Scrapers Not Included In Price)
  DISCOUNT SET-UP PRICE...$1,475
- (1) New Dunham 14'3" Cultipacker w/17" Rollers, Approx. Wt. 1,695 Lbs. (Transport Kit & Scrapers Not Included In Price)
  DISCOUNT SET-UP PRICE...$1,720
- (1) New Dunham 14'3" Cultipacker w/19" Rollers, Scrapers, Transport Kit, Approx. Wt. 2,397 Lbs. (Cylinder & Hose Not Included)
  DISCOUNT SET-UP PRICE...$2,795
- Transport Kit In Stock For Any Model Packer (Less Hyd.) **$542**

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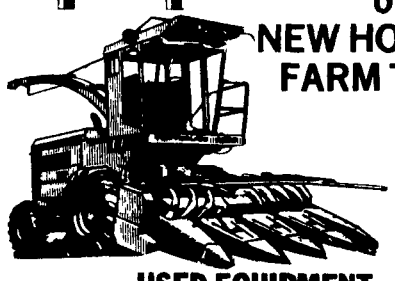
NEW HOLLAND



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New Shipment of
NEW HOLLAND FARM TOYS!

USED EQUIPMENT

TRACTORS
White 2-70 Tractor

COMPACT TRACTORS
IH 234 Diesel, 4WD

SKID LOADER
NH L35

HAY TOOLS
NH 273 Baler w/Thrower
NH 276 Baler w/Thrower
NH 469 Haybine
NH 479 Haybine
Owatanna 217 Haybine, 9 Ft.
NI 290 Mowditioner

GRINDER MIXERS
NH 353
NH 354

SPREADERS
NH 676 Spreader w/Hyd. Endgate
JD 465 Tank Spreader
NI 214, 3 Beater

SPRAYERS
Walsh 300 Gal
Cent. Tractor 300 Gal.

PLANTING & TILLAGE
Brillion 14' Transport Harrow
IHC 400 4-Row, No Til
Case 7' Soil Controller
Oliver Superior No. 26 Grain Drill
JD 210 12 ft. Disk

MILLER DISK
10 Ft., 5 Inch with Leveling Cylinder
$6,350

PICKERS
WD Allis Chalmers w/NI Mtd. Picker

LAWN & GARDEN
White 1610 w/42" Mower
Crown Stone Picker, 4½ Ft. Wide, Hyd. Driven
Cub Cadet 72 w/Mower
Cub Cadet 106 w/Front Blade & Mower

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Honey Grove, PA 17035
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Located 14 Miles South of Port Royal on Rt. 75

USED CONSTRUCTION EQUIPMENT
Backhoes, Loaders, Crawlers, Dozers, Etc.
Currently Available

Backhoes: JD 310, IH 260-A w/Extend-a-hoe, IH 2500-A, Case 580-B

Crawlers: JD 450-C C/L/B; JD 450-B; IH 75-C, pedal steer, IH 175-B w/cab; IH TD-8-E w/6 way, AC HD-6-G

Miscellaneous: IH 3 pt backhoe; Loran 4 WD payloader w/cab, needs work, cheap; Michigan 75-A 4 WD loader

Inventory Changing Daily. Call for current prices
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EQUIPMENT
- New Leon Loader w/Bucket..... $1,200
- New Farmco 16 Ft. Hay Feeder..... $615
- 1150 Int. Grinder Mixer..... $1,400
- 455 N.H. Mower w/New Guard & Wear Plates..... $995

TRACTORS
- 135 Massey, Excellent..... $3,950
- AC D19 Gas w/Pulley..... $2,600
- 930 Case w/Pulley & Steel Wheels..... $4,850
- Int. 560 Gas, Wide Front, F.H. $2,700

AVCO VM Diesel

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RUBBER SCRAPER

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- OUTLASTS BUCKET WEAR
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3 POINT SCRAPER

BOBCAT SCRAPER

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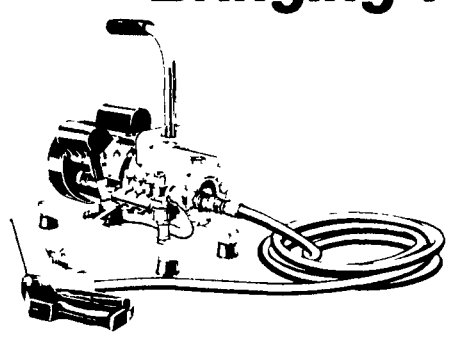
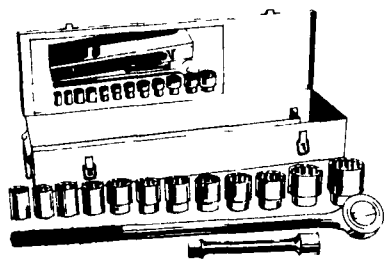
PARTS VALUE OF THE MONTH.

Bell Ringer Specials

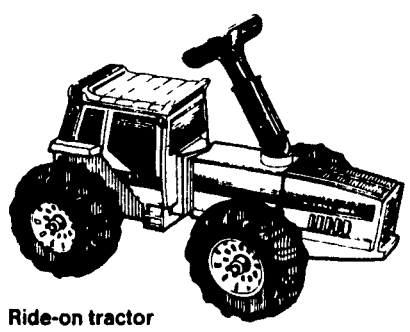
Bringing Value Home for the Holidays



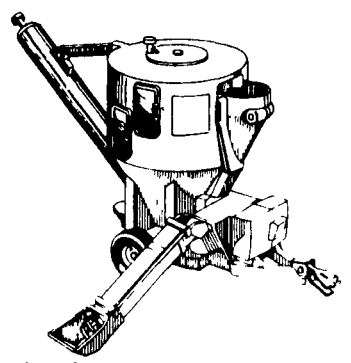
High pressure washer
A real pride builder, this Cam Spray washer produces 1,000 psi at 2 5 gallons per minute It features a 1 5 hp electric motor, and a 20-foot pressure hose with gun, wand, and tip
Only $549.99
YOU SAVE $80.00



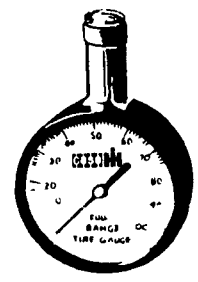
15-piece 3/4-inch drive socket set
Every farmer wants this handy socket set Includes twelve 3/4-inch regular length sockets, 8-inch extension, 24-inch reversible ratchet, sturdy metal box Comes with replacement warranty — if a tool breaks in normal use, return it to the selling dealer for a free replacement
Regular $204.45
(Individual piece price)
Special $119.95
YOU SAVE $84.50



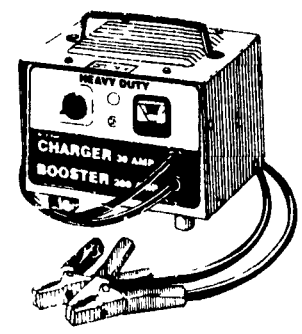
Ride-on tractor
This sturdy, steerable tractor will provide hours of fun for your farmer-to-be For kids up to three years old Cab roof opens for storage of smaller toys
$15.95



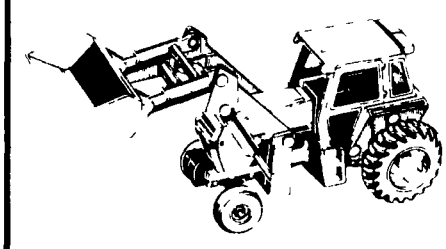
Grinder mixer
Real working parts—including augers—and clear windows make this 1/16th scale model seem like the real thing It's made of sturdy metal finished with child-safe baked enamel
$10.95



Tire gauge
The perfect stocking stuffer Easy-to-read dial from zero to 100 psi Brass gear movement for accurate reading with air or solution Sturdy construction, unbreakable crystal
Only $4.99, Regular $6.66
YOU SAVE 25%



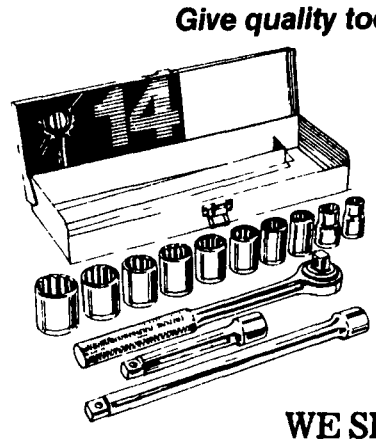
Heavy duty battery charger
Keep on the go with a 30-amp charger Fast charge delivers 30 amps, slow charge 5 amps, booster up to 200 amps
Only $113.05, Regular $139.99
YOU SAVE $26.94



Front-end loader
New this year, this 1/64 scale model of a Case IH 2594 Tractor with an end-loader has become one of our best sellers Perfect for Junior's toy chest or Dad's bookshelf
$2.75

Give a helping hand this Christmas

Give quality tools at reduced prices!



14-piece 1/2-inch drive socket set
The perfect set for basic tractor work Contains ten 12-pt sockets, 5-inch and 10-inch extensions, ratchet, metal box
Regular $55.95
Special $49.95
YOU SAVE $6.00

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TRACTORS

JD 8450, low hrs., w/Folding JD 335 Disk	
JD 4630 w/duals, PS, engine overhauled	$17,000
JD 2940, 1275 hrs.	$15,000
JD A w/227 Picker	$ 1,400
IH 1486 w/Duals	$15,900
IHC w/Equip.	$1,900
IH 350 w/Loader	$1,700
Ford 3000, reconditioned	$ 5,000
Ford 6000	$ 2,900
MF 1105 w/Cab	$12,500
AC B w/Attachments	$1,200
JD 2010, need engine work	$1,200
AC D14	$ 2,500
Long 450 Dsl.	$4,500

COMBINES

JD 6620 Side Hill w/643 C.H. & 215 Flex, Reconditioned	$53,000
JD 6620 Side Hill	$37,000
JD 444 Corn Head	$ 4,500
JD 443 Corn Head	$ 5,500
JD 215 Flex Head	$ 4,500
JD 215 Rigid Head	$ 3,500

PLANTERS

JD 6R Cons., Dry Fertilizer	$ 7,900
JD 4 Row Consv. Liquid	$ 5,400
JD 4R Cons. w/Dry Fert.	$ 5,900
(4) JD 6R Consv. Starting at	$ 7,500
IH 400, 4R	$ 1,200

TILLAGE

JD BWA 16' Wing Disk	$ 2,200
JD 1600 Pull Type 10' Chisel Plow	$ 1,900
IH 370 12' Disk	$ 1,800
IH 11' Pull Type Chisel Plow	$ 700

Assortment of JD & Ford 2-3 Bottom Plows

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NH 851 Round Baler	$ 4,500
NH 276 Baler	$ 2,500
JD 750 Grinder Mixer	$ 3,500
JD 894 Rake	$ 500
NH 469 Haybine	$ 1,000
IH 720 Harvester w/2 Heads	$ 3,500
Ford Sickle Mower	$ 400
(2) JD 965 Wagons w/Hay Racks	$ 1,200 each

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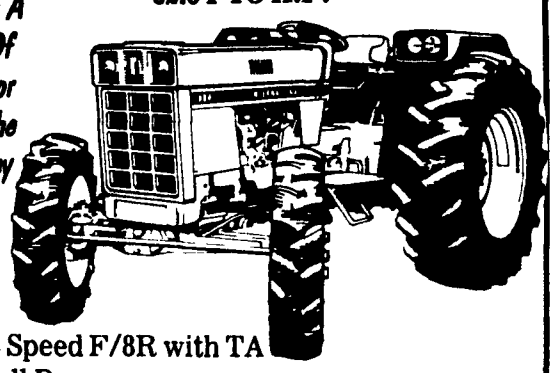

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  Utility 2 WD
  42 PTO Hp
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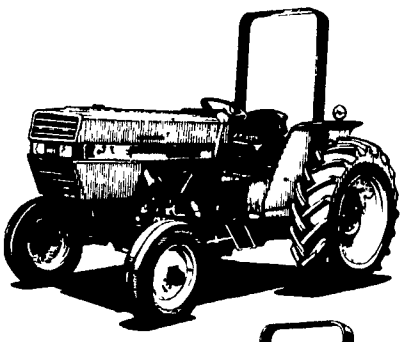

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  4WD
  52 PTO Hp
  (38.7 KW)

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GOOD CLEAN USED EQUIPMENT

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- IH 555 Forage Harvester w/Cornhead & Pickup
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- IH 56 Blower
- NH 320 Baler w/70 Thrower
- NH 258 Rake w/Dolly Wheels Used 1 Season
- NH 880 w/Pickup Attachment
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- NH 2 Row Snapper 30 Rows
- IH 37 Baler
- NH 269 Baler w/Thrower
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- NH 442 Disc Mower
- NH Model 1890 Self Propelled Forage Harvester CAT Engine 3 Row Cornhead & Pickup Attachment Good Condition
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- NH L775 Skid Loader w/66" Bucket & Backhoe

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- IH 454
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- Farmall H w/Loader
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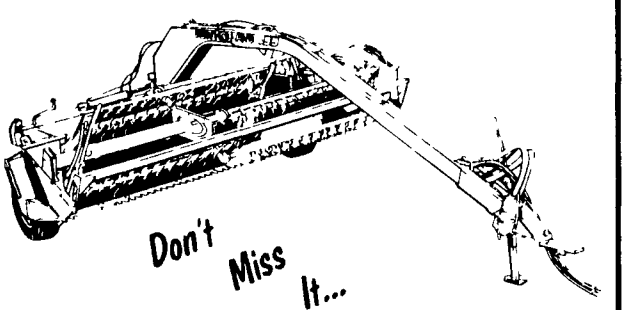
NH MODEL 499 MOWER-CONDITIONER

With 12 Ft. Hydra Swing



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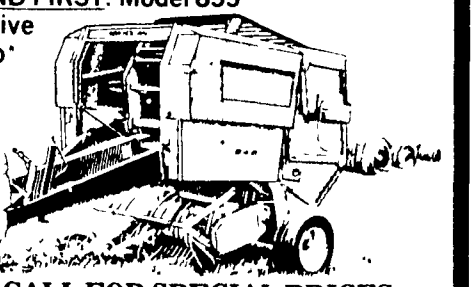

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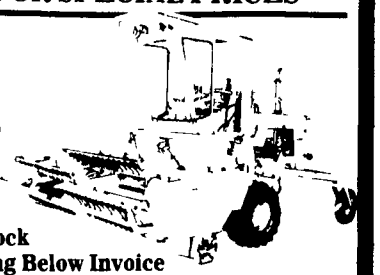

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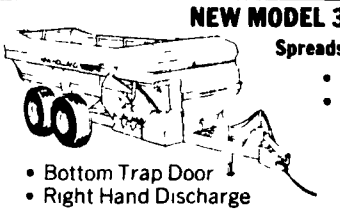

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Total	$7,400

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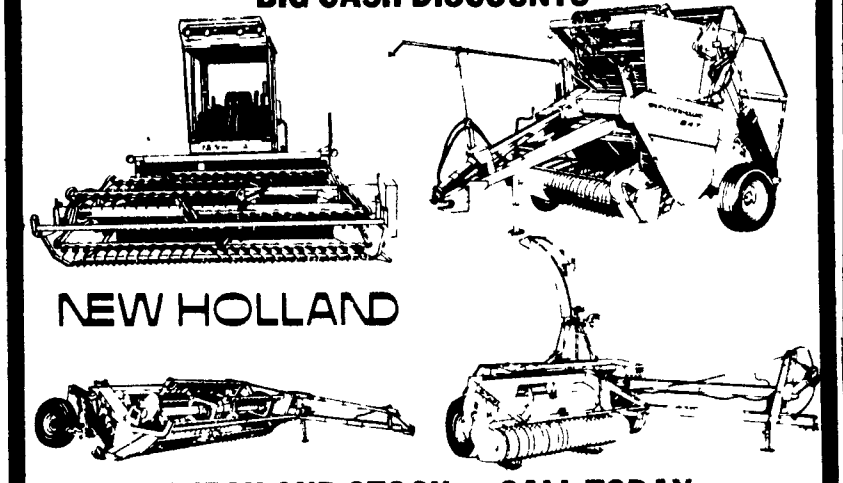

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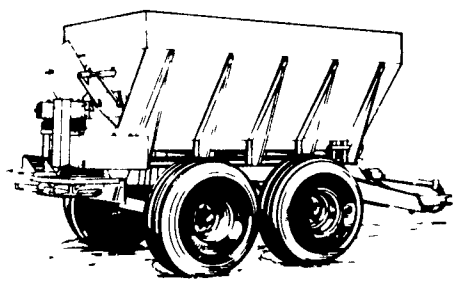

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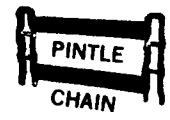

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12 Pcs. 3½" O.D. x 1/8" Wall x 20' Long	$1.25 Ft.

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6 White RSAC1 - Same As Charlynn M-203	$65.00 Each
1 White - RE864 - High Torque - Low Speed	$125.00
1 Commercial Pump, 2000 RPM, 2000 PSI, 40 GPM	$125.00

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1 - Jet 1550 Colchester Type Engine Lathe With 3 Chucks, Faceplate, Steady Rest, Coolant, 4 Way Tool Post, Aloris Toolpost and Holders. 2 1/8" Spindle Hole, Geared Head 20-1800 RPM (excellent)	$5,500.00
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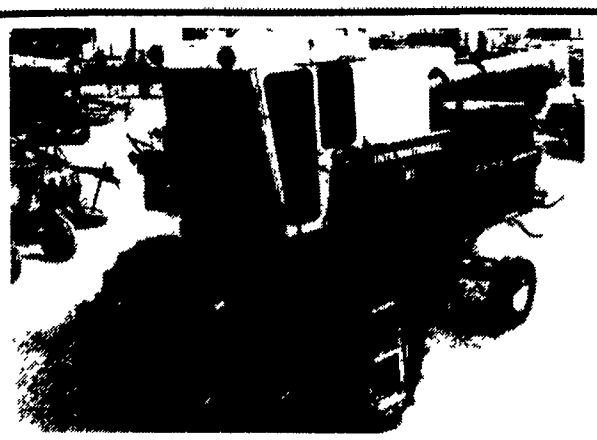
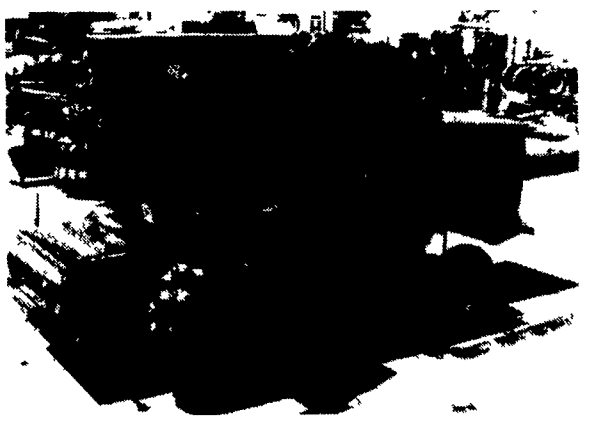
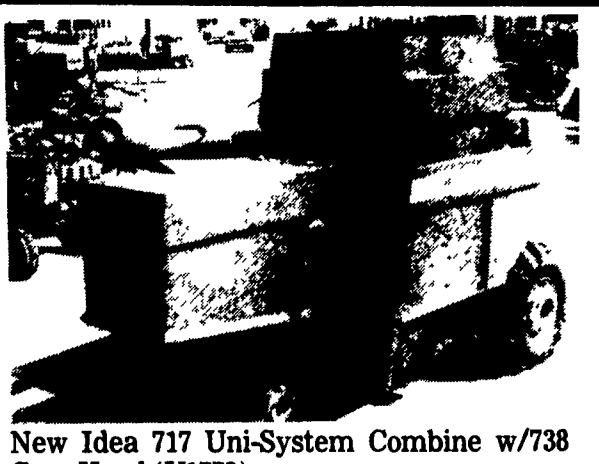
USED COMBINES



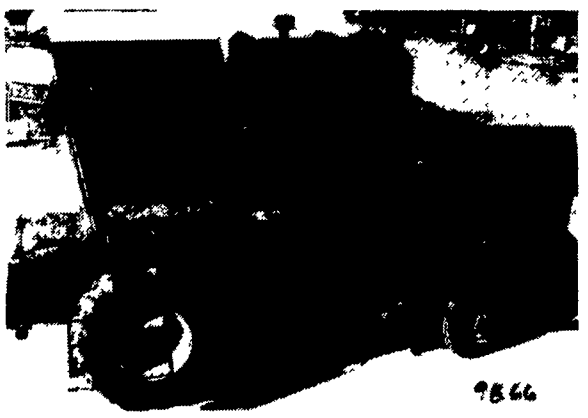
IH 815 Hydro Combine, Diesel (U1844)



JD 7700 w/Straw Chopper, 24.5x32 Tires, Gear w/Variable Speed (U1361)



New Idea 717 Uni-System Combine w/738 Corn Head (U1779)

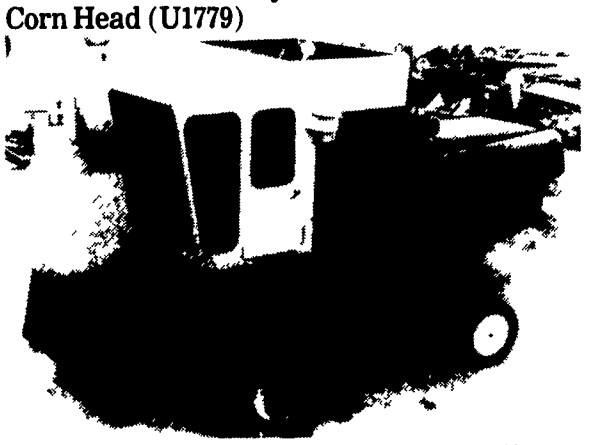


John Deere 4400 Diesel, 18.4x26, A/C, Straw Chopper (U9806)

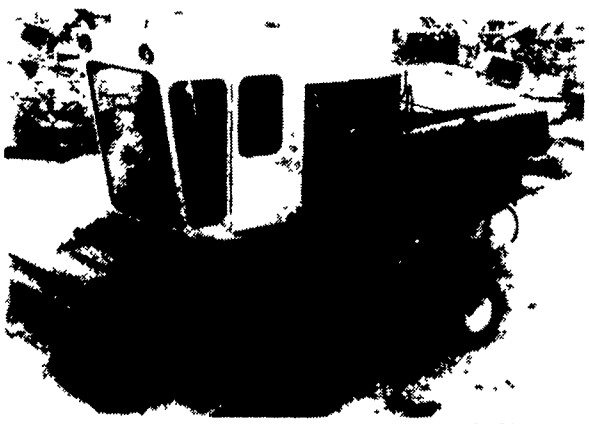
Only One Left...

JOHN DEERE 6620

Side Hill w/6 Row Cornhead And 215 Flex Head

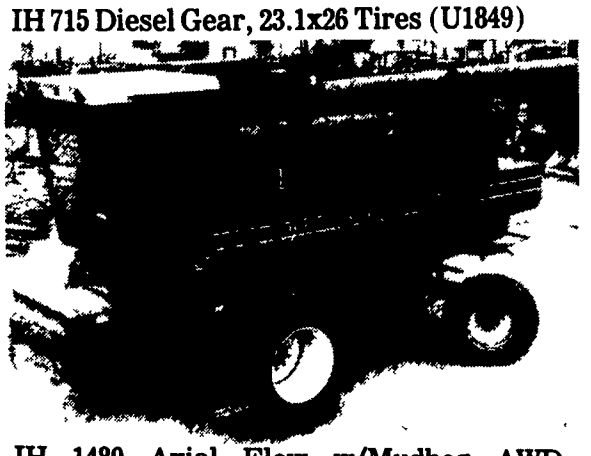


IH 715 Diesel Gear, 23.1x26 Tires (U1849)



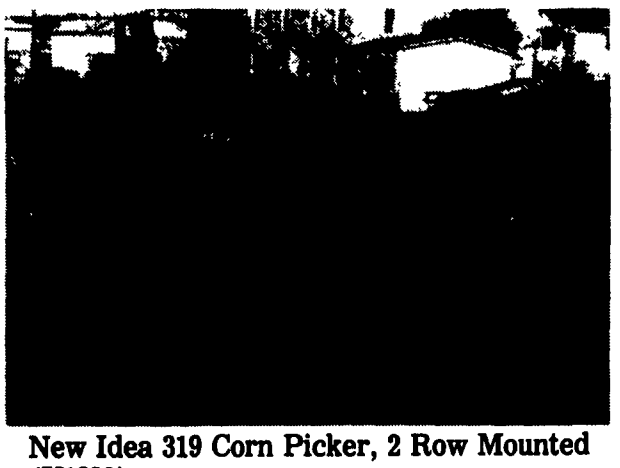
IH 715D Hydro, 18.4x26, Monitor (U7818)

We Don't Import Combines To Resell. All Our Used Inventory Was Traded In By Our Customers.

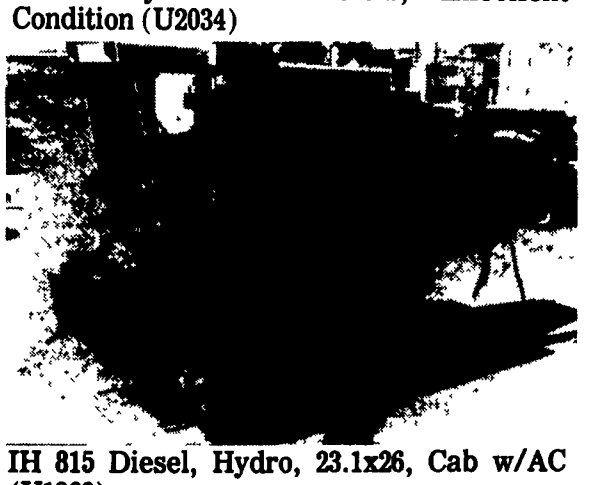


IH 1480 Axial Flow w/Mudhog AWD, 14.9x24, 67.00x34.00 - 30 Tires, A/C, Monitor, Electro-Hydraulic Controls, Excellent Condition (U2034)

Gleaner G, Gear, Cab, Diesel, w/4 Row Corn Head, 13' Platform (U1369)



New Idea 319 Corn Picker, 2 Row Mounted (U1832)



IH 815 Diesel, Hydro, 23.1x26, Cab w/AC (U1362)

USED TRACTORS

IH F706 w/Fast Hitch, Gear, TA, 540-1000 PTO, 16.9x38 Tires (W1736)
Versatile 160 4WD w/ Loader, Diesel, Hydro, AC, 540 PTO (W1364)
IH 966 Diesel, Gear, TA 18.4x38 Tires, 1000 & 540 PTO (W1439)
IH 4140 Gas Skid Loader w/60" Bucket (W1562)
IH F460 Diesel Gear, 2 Point Hitch, 15.5x38 Tires, 540 RPM PTO (W1446)
IH F1466D, Gear, 20.8x38 Tires, Dual PTO, Excellent Tractor (W9236)
New Holland L778 Skid Loader, Hydrostatic, Gas (W9768)
Case 1537 Uniloader
IH 1206 Diesel, Hydro, Cab w/AC, 540-1000 PTO, 28.1x34 Tires (W1670)
IH F1066D Hydro, 20.8x38 8 Ply Tires, Dual PTO (W1045)
IH F1066D, 18.4x38 8P, Dual PTO, Gear (W1316)
IH F1066, Diesel, Gear, 540 & 1000 PTO, 20.8x38 Tires (W1715)
IH 6388 2+2, 4WD, Diesel, Gear, AC, 540 & 1000 PTO, 4 Hyd. Outlets, 18.4x38 Duals (W1681)
Steiger Turbo Tiger Gear, AC, 3 pt. Quick 30.5Lx32 Tires (W1372)
Steiger Cougar II Gear, 3 Pt. Quick, AC, 30.5Lx32 Tires (W1273)
IH 460 Gas, TA, 540 PTO (W1892)
Case 1845 Uniloader, 72" Mat. Bucket & Fork (W2153)

USED TILLAGE

Krause 3124 Landsman
White 252 10' Disc
Bush Hog 12' Disc, 9" Spacing
Deere 110 Disc, 10'9" Spacing (T8034)
Athens 131 Flex-Frame Disc, 14', 9½" Spacing (T1556)
IH 470 18' Disc, Rear Mulchers, Tandem, Spacing 9" Frt. 7½" Rr., Size 16½" Frt. 17½ Rr., Cyl. & Hoses (T1699)
JD 111 Disc, 10', 9" Spacing (T1602)
Athens 83 10' Disc, Size 19" Frt. 21" Rr., Cyl. & Hoses (T1604)

HANDYMAN'S SPECIAL

IH 544D Hydro w/2000 Loader - *Cheap*

Rhino FB90 Disc 24', Size 20" Frt. 21" Rr., 9" Spacing (T1714)
IH 501 14' Disc, Tandem, 10½" Spacing, Front 19", REar 22" (T1824)
IH 14 Subsoiler, Auto. Reset, Coulters, Gauge Wheels, Like New (T1514)
Colby 12' Disc, Front Notched Blades (T1769)
JD 330 Disk, 20' Flex Wing, Tandem, Spacing 11" Front & Rear (T1950)
Landoll Soil Saver, 15 Shank (T1960)
JD E1700 Tiller Chisel, 9 Shank, 22" Blades, Spike Drag (T2091)

USED COMBINES

IH 205, Gas, Cab, 12" Header, 227 Cornhead (U1132)
IH 815 Diesel, Hydro, Cab, 23.1x26 Tires (U1362)
IH 715 Diesel, Gear, Cab, 23.1x26 Tires (U1849)
Deere 4400 w/Straw Chopper, Hydro, AC, Diesel, 18.4x26 Tires (U9806)
Gleaner "G", Diesel, Cab, Gear (U1369)
IH 815D Hydro, A.C., 23.1x26 Tires (U1844)
JD 7700 w/Straw Chopper, 24.5x32 Tires, Gear w/Variable Speed (U1361)
MF 510 AC, Grain Saver, 18.4x26 Tires (U1995)
MF 510, AC, 18.4x36 Tires (U1992)
IH 715 w/Straw Chopper, Diesel, Hydro, AC, 23.1x26 Tires, 1100 Hrs. (U1961)
IH 1460 Hydro, AC, 28x26 Tires (U2060)
IH 1480 4 WD, Hydro, AC, 34x30 Tires (U2034)
JD 6620 Side Hill w/DJ Monitor, Hydro, AC, 28Lx26 Tires, 1228 Hrs. (U2121)

USED GRAIN DRILLS

Great Plains 12' Drill w/Pull Hitch (V1570)
IH 620 Grain Press Drill, 21 Openers, 7" Spacing, (Ideal for Soybeans & Alfalfa) (V9302)
Haybuster 1206 No-Til, 12', 6" Spacing, Fertilizer (V1462)
Deere 8300 Grain Drill, 16 Double-Disc Openers, 10" Spacing, Press Wheels (U9922)

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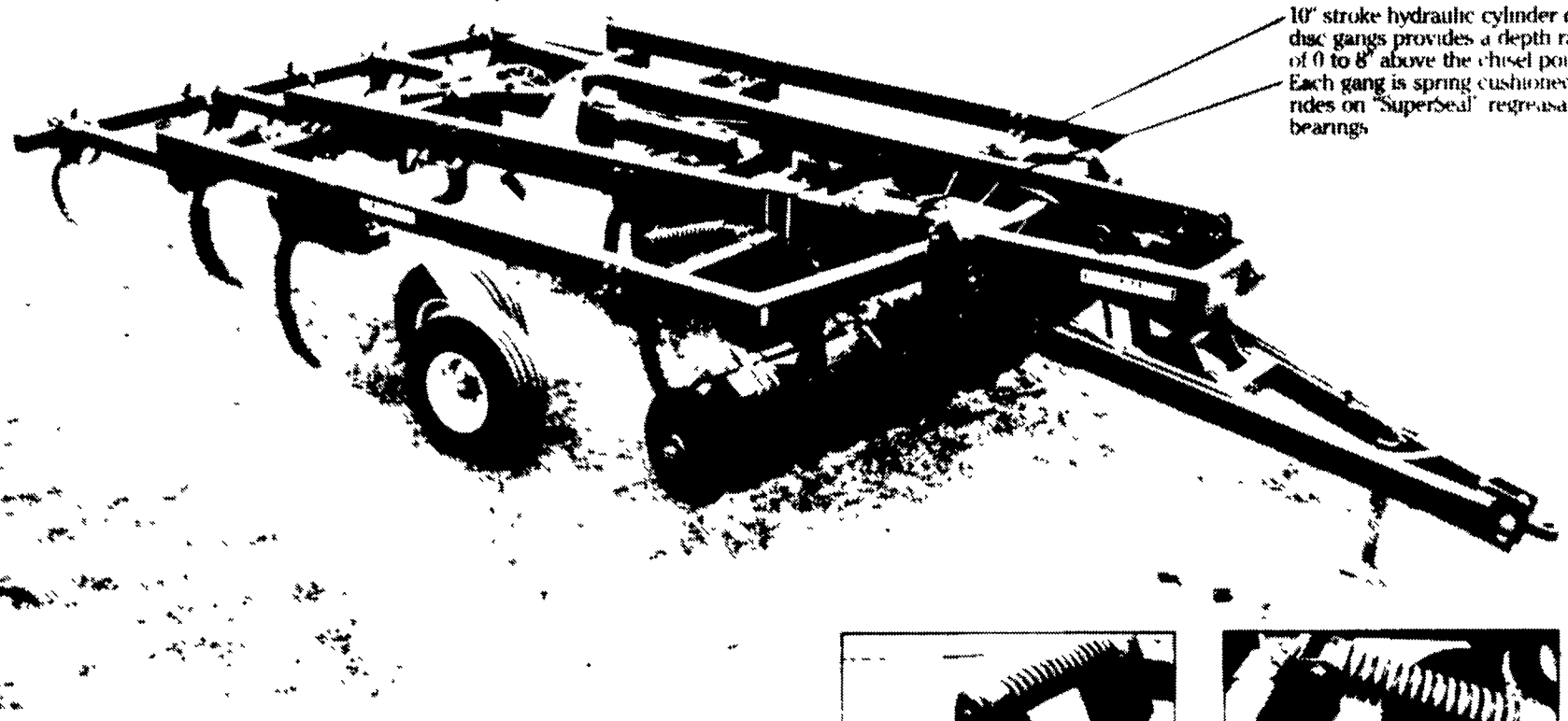
LANDKING® PRIMARY COMBINATION IMPLEMENT

Krause Conservation Tillage HEADQUARTERS


10" stroke hydraulic cylinder on disc gangs provides a depth range of 0 to 8" above the chisel points
Each gang is spring cushioned and rides on "SuperSeal" regreasable bearings

Heavy-Duty For Once Over Tillage To:

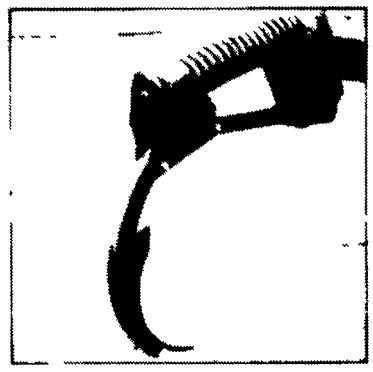
.... Disc Standing Stubble

.... Subsoil Compacted Ground

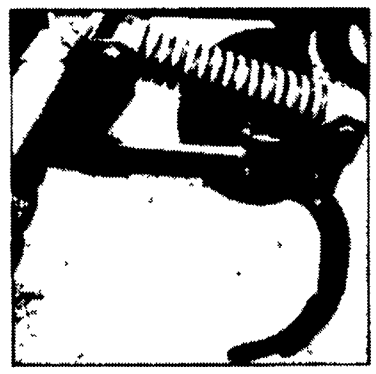
.... Chisel And Incorporate Residue

.... And Leave The Fields Level

K-Tine Levelers And Harrows



Spring Reset Chisel Shanks Are 2"x1½"x32". 14" Trip Height, A 1250 Lb. Point Load And 10" Max. Working Depth.



Spring Reset Subsoiler Shanks Are 3"x1½"x36". 20" Trip Height, A 1500 Lb. Point Load And 16" Max. Working Depth.

SIZES FROM 12 FT. - 20 FT.

THE KRAUSE LANDKING SAVES TIME, TRIPS AND FUEL.

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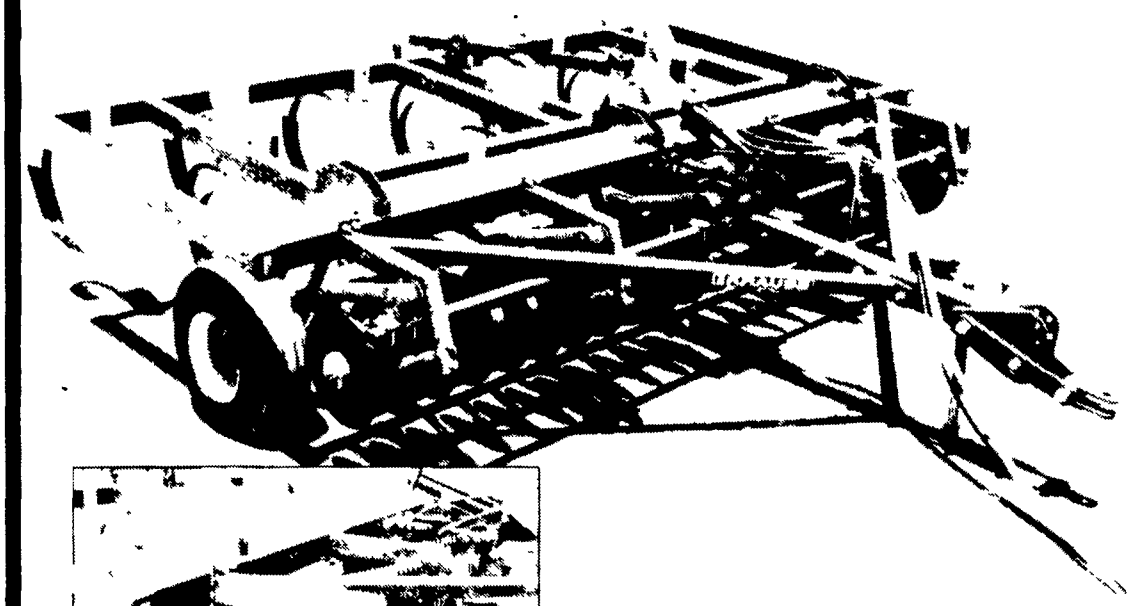
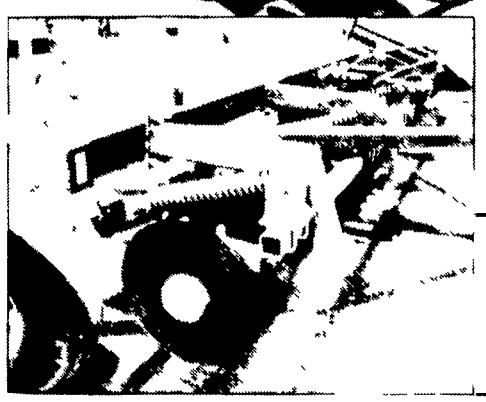
VISA

KRAUSE DOES IT AGAIN

By Equipping The 2880 LANDSAVER™ COULTER-CHISEL With A Combination Of SPRING RESET SUB-SOIL SHANKS And CHISEL SHANKS





Hydraulic coulter assembly features spring-mounted bearing arms to flex over buried rocks.

All the Soil Conservation people are talking about combining subsoiling while you chisel plow. Krause has done just that.

Increase water retention and decrease run-off at the same time.

Crop production increases as well.

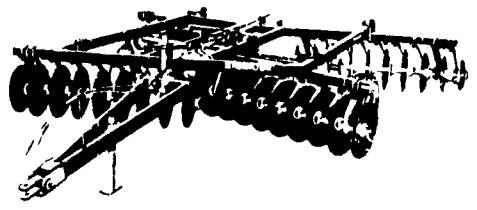
Available For Demo/Rental

7 SHANK EQUIPPED WITH
4, 36" SPRING RESET SUBSOILER SHANKS
AND
3, 32" SPRING RESET CHISEL SHANKS

Call For Details

SPECIAL SALE On Our Most Popular MEDIUM DUTY ROCKFLEX DISCS

MODEL 2242 A

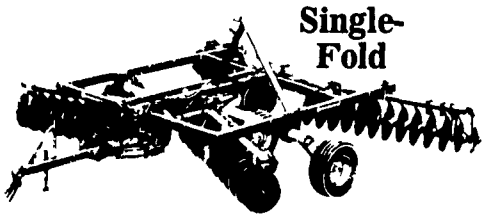


- 12'3" Cutting Width
- 22" 6 Gauge Blades
- 110 Lbs. Per Blade

PRICES ON THESE MODELS HAVE NEVER BEEN LOWER

If You Own A Used 2200 Or 1580 Rockflex Disc Harrow, It's Time To Trade...Call For Trade Price

MODEL 1577 Single-Fold



- 16'8" Cutting Width
- 22" 6 Gauge Blades
- 140 Lbs. Per Blade
- 11'6" Folded Width

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Stock No.	Self Propelled Haybines	Dec. Sale Price
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UB0090	NH 1495 (Gas) Planetary Dr w/Partial Cab	10,900 00
UB0128	NH 1495 (Gas) Planetary Dr w/Partial Cab	8,995 00
UB0083	NH 1469 (Ford Gas) 9' Cut w/Partial Cab	4,495 00
	JD 830 (Gas) 12' Cut No Cab	1,995 00
	Pull Type Haybines	
UB0034	NH 495 12' Haybine w/Lat Transport	3,995 00
UB0119	NH 495 12' Haybine w/Lat Transport (As is)	2 295 00
UB0013	NH 489 9 Haybine (As is)	2,495 00
UB0072	NH 489 9' Haybine (As is)	2 295 00
UB0110	NH 489 9' Haybine (As is)	2 995 00
UB0114	NH 479 9 Haybine	2 495 00
UB0134	NH 479 9 Haybine	2 495 00
UB0140	NH 479 9 Haybine (As is)	1 895 00
UB0067	Hesston 1010 Hydro-Swing 10	2 295 00
UB0035	Hesston PT 10 9 Haybine	1 495 00
	Balers	
UB0118	NH 855 Round Baler w/Auto Wrap	8,495 00
UB0019	NH 320 Baler w/#70 Thrower	5,895 00
UB0131	NH 320 Baler w/#70 Thrower	5,495 00
	NH #70 Thrower (Fits 320 Baler)	1,295 00
UB0139	NH 276 Baler w/#58 Thrower (As Is)	2,695 00
UB0127	NH 282 Baler w/#62 Thrower (As Is)	1,995 00
	Rakes	
UB0141	NH 256 SOLD w/Dolly Wheels	1,395 00
UB0133	IH 35 Rake	1,095 00
UB0132	Vicon 3 Pt 4 Whl Rake	395 00
	Uni Equipment	
UA0019	709 Uni Tractor w/Rear Whl Assist & Wgt	17,900 00
UA0053	705 Uni Tractor w/767 Super Chopper, 766 Hay Pickup & 763 3 Row Head	11,900 00
UA0012	760 Uni Harvester (As is)	395 00
	2 766 Uni Hay Pickup (As is)	495 00
	2 762 Uni 2 Row Head (38") As is	595 00
UB0055	741 Feeder House (As is)	1,195 00
	Pull Type Harvester & Heads	
UB0092	NH 892 Harvester w/New Knives	5,995 00
UA0063	NH 770 Harvester	2,295 00
UB0143	NH S717 Harvester	1,295 00
UB0120	IH 830 Harvester w/Hay Pickup & 2 Row Head (30") As is	2,495 00
UB0136	IH 830 Harvester w/Hay Pickup & 2 Row Head 30" - Also Has New Knives to be Put in (As is)	2,495 00
UB0048	NH 717 Harvester (As is)	295 00
UB0093	NH 880W Hay Pickup Head	995 00
UB0059	NH 880 N-2 2 Row Corn Head (30")	1,195.00
UA0040	NH 880 R-2 2 Row Corn Head (38")	795 00
UA0064	NH 717 W Hay Pickup Head	695 00
UA0065	NH 717 R-2 2 Row Corn Head (38")	695 00
UB0144	NH 717 R-2 2 Row Corn Head (38")	695 00
UB0135A	JD 2 Row Corn Head (30")	995 00
UB0135D	JD Hay Pickup Head	995 00
UB0135C	JD 1 Row Corn Head	295 00
UA0030	NH 741 1 Row Corn Head	295 00
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UA0026	Bear Cat 11' Packer	495 00
UA0050	IH 56 4 Row Corn Planter (38")	1,295 00
UA0052	IH 55 4 Row Corn Planter (38")	1,195 00
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UA0067	Farmec Gravity Bin w/Gear	395 00
UB0106	M&W 12' Field Cultivator	1,295 00
UC0043	NH L445 Skid Loader w/Bucket & Rebuilt Engine (30 HP)	7,495 00
	IH 2A Hay Conditioner	100 00
UC0044	NI 213 Manure Spreader w/ 3 Beater, Reconditioned	1 895 00
UC0039	NI 213 Manure Spreader w/Single Beater w/ Hyd Endgate	1,595 00
UC0029	NH 516 Manure Spreader w/3 Beater	400 00

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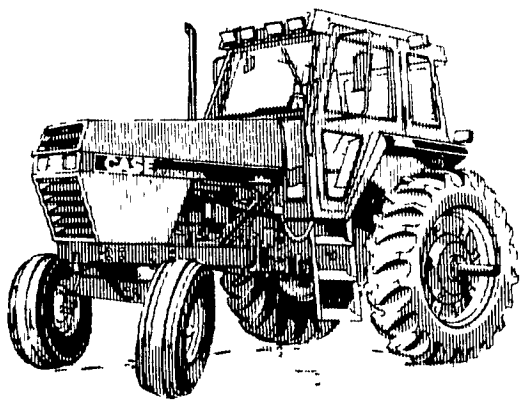

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Offer Good Thru Feb 15, 1987

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Plus
YOU GET $4,000 CASH BACK
Plus
8.8% FINANCING OR WAIVER TILL NOV. 1, 1987

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JD 4440 SG, PS
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JD 2640
JD 3010 Tractor
JD 2510
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JD 300 Husker w/2 Heads
JD 6RN 7000 Planter w/Fill Auger & No-till
JD 6RN 7000 Planter w/Liq. Fert. & No-till
JD 2RN & 2 RW C.H.
JD 14T Baler
JD 336 Baler
JD Transport Disc
JD 216 Fg. Wagon
JD 66 Blower
JD Drill

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NH 890 w/3RN & Pickup
NH 880 w/2RN

THIS WEEK'S SPECIAL
JD 2940 w/MFWD & 260 Loader
Price Reduced

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Ford 3B Trip Back Plow
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IH 800 Cyclo 4R No-till Planter
IH 440 Baler w/Thrower
Fox 3000 Harvester
Fox 6½' PU Head
NH 450 7' Mower
Dion Forage Wagon
NI 4R Double Frame No-till Corn Planter
Field Sprayers: 500 gal. Century; 200 gal.; 150 gal.
Gehl 2500 Skid Loader

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Tractors:
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3150 MFWD, SG
2750
2550
Compact Utility Tractors: 650, 750, 755, 855
Combine: 4425 w/Heads
Balers: 327, 337, 347, 330, 430
Forage Harvesters:
5730 w/Iron Guard
3950 w/Iron Guard
3950
Spreader: 780
Forage Wagon: 716A

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JD 2150, 2WD
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JD 2750 2WD
JD 2950 MFWD
JD 3150 MFWD, SG
JD 4250 MFWD, SG, PS
JD 4450 MFWD SG, PS

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JD 7000 Cons. Pltr. 6R
JD 71 Flex Planters

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JD 2800 5B Plow
JD 215 11'5" & 12'10" Disc
JD 1610 Chisel Plow
JD 712 Mulch Tiller, 13'

HAY TOOLS

JD 1219 Mower Conditioner
JD 327, 337 & 347 Baler
NH 316 Baler
JD 660, 670 Rakes

OTHER EQUIPMENT

JD 1065, 1075 & 1275 Wagon
JD 716A FG. Wagon

USED EQUIPMENT

IH 966
AC 200 w/Cab
Long 445 Tractor
JD 16' Grain Platform
Fox 3000 Fg. Harv
JD 346 W Baler w/Thrower
JD 336 Baler w/Thrower
NH 310 Baler w/Thrower
JD 4400 G Combine
JD 444 Corn Head
Ford Sickle Bar Mower
Kuhn 6' Sickle Bar Mower

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Quonset Buildings

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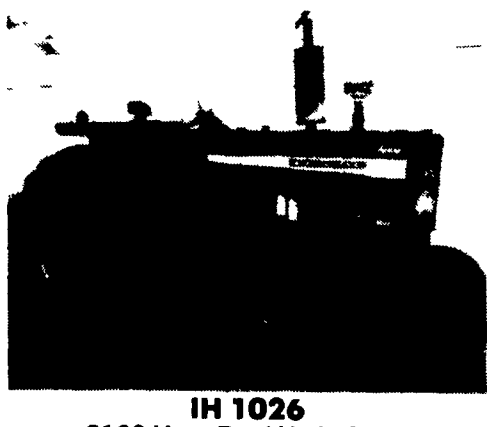

IH 1026
2100 Hrs., Dual Hyd., Solid
$5,500

IH 806, Diesel, Torque	$3,900
JD 830, 2-Cyl, Collector	$4,500
JD 3020, Diesel, WFE.	$4,900
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JD 4020, Cab, Dual Hyd.	$6,500
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JD 4440, Cab, PS, Sharp	$16,500

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NH 320 baler, 3 yrs. old, excellent condition
NH 1895 chopper w/3 row auger base head
JD 4630, cab, air, new motor & trans.
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New Ford 4610

USED TRACTORS

New IH 274 w/cultivator

New JD 2150
JD 4630 w/4 post roll guard
JD 4440, cab & air
JD 4430, cab, air, quad range
JD 4230, cab & air
JD 2510
JD 4320, cab
JD 4030, 4 post, roll guard
JD 2940 w/front wheel assist
JD 2940 w/cab
JD 2940 w/loader
JD 2840
JD 2640 w/146 loader, (sharp)
JD 2510 Gas
JD 4240, power shift
JD 4240 w/cab & air
JD 3020 gas
JD 4000
JD 4020, new tires
JD 400 diesel backhoe loader
IH 3500 backhoe loader
IH 1086, cab & air
IH 1066
IH 766 w/cab
IH 806 diesel, excellent

Ford 7000
Ford 6600, like new
Ford 5000 Gas
Ford 4610, like new
Ford 4000 SU
Ford 3600
Ford 3400 w/Loader
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Ford 555 w/loader & cab
Ford 335 w/loader
AC 210 diesel
AC 185, sharp
AC 180, gas
AC 200, like new
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MF 205, 4WD
MF 50C w/loader
MF [SOLD]as
MF 135 diesel
MF 20 w/loader
David Brown 1200
Kubota 4000 w/loader
3 pt. hitch backhoe, like new
JD 2010 Forklift
Int. 7000 Forklift 28' Lift

USED PLOWS

Int. 5 btm. 16" spring reset plow
White 6 btm. 16" plow
White 4 btm., auto. reset plow
Large selection of 3 to 7 btm. plows
Int. 3 btm. rollover plow

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USED COMBINES

444 JD corn heads
443 & 643 corn heads
JD 1978 4400, diesel
MF 410
Large selection of JD 2, 3, 4 & 6 row corn heads
JD 6600 diesel, rotary screen
JD 6600 hydro, rotary screen
JD 4420, like new
JD [SOLD]as, rotary screen
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JD [SOLD]ellent
JD 435N corn head
JD 435W corn head

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JD 7000 4 row Dry fertilizer
JD 7000 6 row conservation, liquid
JD 7000 4 row liquid, like new

Used Moore no-till grain drill

USED HARVESTERS

Fox Max II w/3 row head, cab & air
Fox 2 row snapper head
Fox Custom 90
NH 718, sharp
NH 3 pt. hitch chopper w/1 row head
Field Queen 3 row wide corn head

Gehl flail head, excellent condition

HAY EQUIPMENT

NH 472 haybine
Gehl 1090 haybine
Gehl 1500 Round baler
New NH 315 Baler
NH 276 baler, excellent
NH 311 baler, like new
New JD 327 Baler
JD 346 baler, excellent
NH 315 wire baler, nice
NH 273 w/thrower
M-C 7' rotary sythe, used on 100 acres
Large selection of used rakes
NH 1010 Stacker Bale Wagon
NH 1032 Stacker Bale Wagon

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1974 Chevy truck w/16' grain body & hoist
JD 58 loader
Int. 510 grain drill
Large selection of smaller discs
NI 2 row narrow, 12 roll bed
NI 323 1 row picker
NI 2 row wide, 12 roll, $3,000.
Kewanee hydraulic fold 18' disc
Kewanee hydraulic fold 18' roller harrow
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1979 Int S-1954 w/DT 466 diesel engine, cab & chassis.

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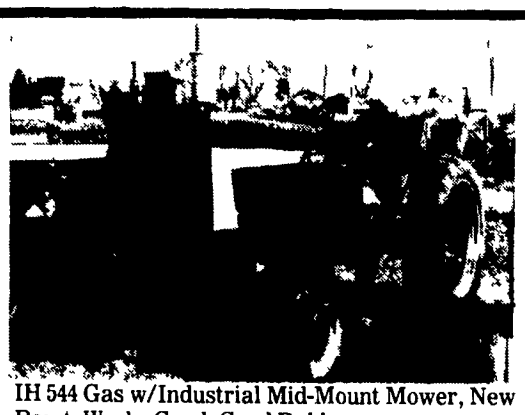
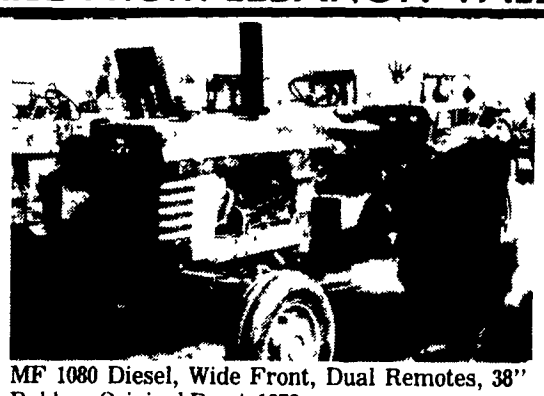
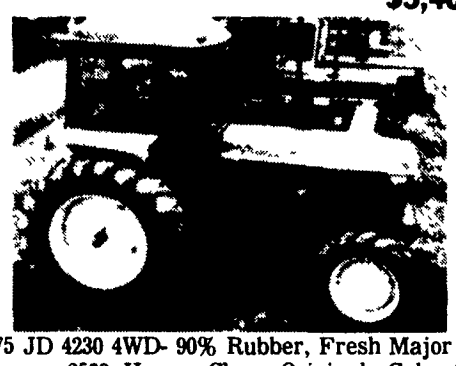


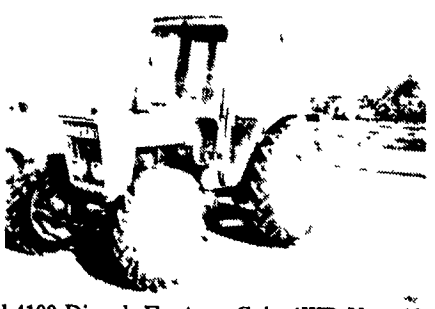
IH 544 Gas w/Industrial Mid-Mount Mower, New Paint, Works Good, Good Rubber. **$3,400**



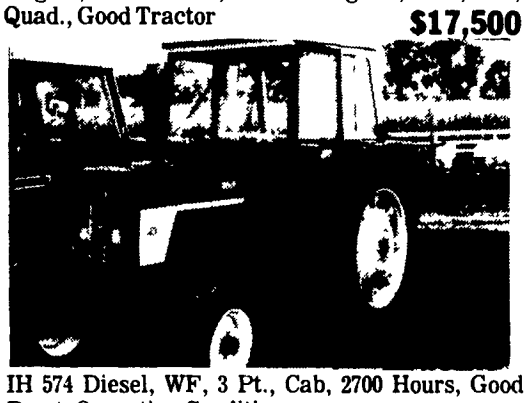
MF 1080 Diesel, Wide Front, Dual Remotes, 38" Rubber, Original Paint, 1972
Don't Miss Out **$3,200**



1975 JD 4230 4WD- 90% Rubber, Fresh Major On Engine, 2500 Hours, Clean Original, Cab, Air, Quad., Good Tractor **$17,500**



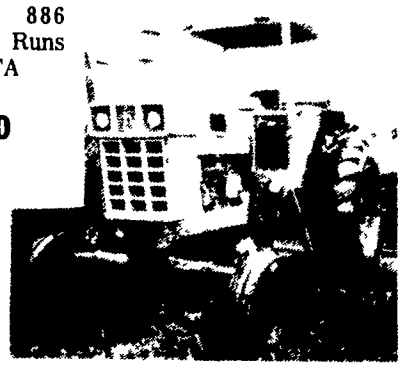
Ford 4100 Diesel, Factory Cab, 4WD New 12.4x36 Radials On Rear New 8.3x24 Front Tires 2235 Hours, Fair Condition. **$8,800**

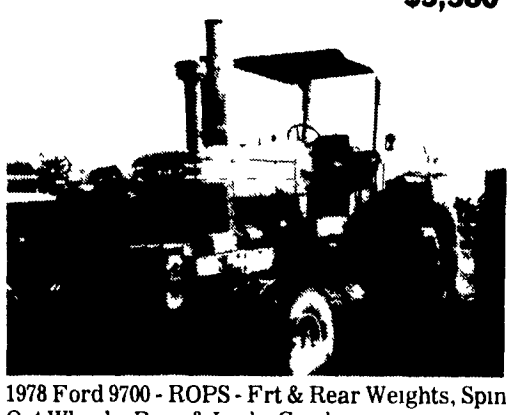


IH 574 Diesel, WF, 3 Pt., Cab, 2700 Hours, Good Paint, Operating Condition
Special Price $5,500

Gleaner F Diesel Combine Comes With QT Grain Head & F435 Cornhead Seasons Over - Price Is Cheap. Machine W/2 Heads **$5,380**

1976 IH 886 w/R.O.P.S. Runs Good, Bad TA
$6,500





1978 Ford 9700 - ROPS - Frt & Rear Weights, Spin Out Wheels, Runs & Looks Good. **$8,000**

Schwartz 750 Mixer-Feeder Wagon With Electronic Scales, Fair Condition
$2,950

COMBINE SALE
All Combines Have Cabs

• JD 4400 Diesel	Coming In
• White 8600-D-QT-Base	$6480
• JDD 3300 D-R Screen-QT-Base	$7420
• IH 615G-R Screen-QT-Base	$5940
• White 7300 G-QT-Base	$5870
• Gleaner F Diesel w/Grain & 435 Corn	$5380

CORN & GRAIN HEADS AVAILABLE

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SITREX P.T.O. TEDDERS
2-Wheel Pull or 3 Pt.
$895

4 Wheel- **$1695**

ROTARY MOWERS
40" 3 pt Heavy Duty $495
4' 3 pt Standard Duty $449
4' 3 pt Heavy Duty..... $495
5' 3 pt Standard Duty $449
5' 3 pt Heavy Duty..... $495
6' 3 pt Heavy Duty..... $695
7' 3 pt Heavy Duty..... $1395
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5' pull Heavy Duty $695
6' pull Heavy Duty $895
7' pull Heavy Duty $1495
4' 3 pt Estate $1195
5' 3 pt Estate $1295
6' 3 pt Estate $1695

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6' 3 pt pitmanless $1495

SCRAPER BLADES
6' 3 pt Heavy Duty..... $195
7' 3 pt Heavy Duty..... $225

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9 Cu. Ft.-3 Pt..... $595
12 Cu. Ft.-3 Pt..... $695
20 Cu. Ft.-3 Pt..... $795

STONE RAKES
6' 3 pt. $495
7' 3 pt. $550
8' 3 pt. $595

HAY TEDDERS
2 Wheel Pull PTO $895
2 Wheel 3 pt PTO..... $895
4 Wheel Pull PTO $1695
4 Wheel 3 pt Ground $465

HAY RAKES
4 wheel 3 pt $465

WOODSAWS
3 pt PTO 30"..... $495

ROTOVATORS
34" 3 pt. $875
42" 3 pt. $875
60" 3 pt..... $1275
66" 3 pt..... $1375
72" 3 pt..... $1475
82" 3 pt..... $1975

LOADERS
3 pt snow & dirt bucket..... $695

SEEDERS
PA 100 3 pt $275
PA 250 3 pt $285
PA 300 3 pt $295
PA 400 3 pt $395
PA 500 3 pt $450

LANDSCAPE BOXES
3 pt 5'6" $495
3 pt 6'..... $495
3 pt 7'..... $595

TRAILERS
1986 1 ton-9' Bed $695
1986 4 ton 14'..... $1495
1986 4 ton 16'..... $1595

POST HOLE DIGGER
3 pt 6", 9", 12", HD ... $495

CHISEL PLOWS
3 pt 9 tooth spring loaded... $595

DIRT SCOOPS
3 pt Reversible $395

POTATO PLOWS
1 row 3 pt $95

DISC HARROW
5'6" 3 pt 18" Combo $495
6'6" 3 pt 18" Combo $495

SUBSOILERS
3 pt 1 shank HD .. $369

BALE MOVERS
3 pt 3 tine HD $379

FORKLIFTS
3 pt tilt cyl HD $2495

WAGONS
6 ton $450
8 ton loaded $550
10 ton loaded $625

CULTIVATORS
1 row 3 pt $149

BOOM POLES
H.D. 3 pt..... $149
Standard 3 Pt..... $ 79

100 COMBINE CORNHEADS

LOADERS
Loader Off D.B 990
Freeman Off 880 Brown
AC Off 1600
Souders Loaders
IH 2250 Loader
IH 2050 Loader
JD 158
Loader Off 800 Ford
IH 2000 Off 706
Loader Off 4000 Ford
Loader Off 30 Ferg
Loader Off 550 Oliver

CORNPLANTERS
IH 2X Fast Hitch
Ford 6X Pull
JD 246 2x3 Pt
IH 56 - 2 Row
Ford 2x3 pt.
MF 2x3 pt.-NEW
Oliver 2x3 pt.

ROLLBARS & CABS
IH 2 Post w/Roof
Case 1070 Cab
AC 7000 Rollbar
JD 4020 Cab
DB 1200 Cab
(30) Combine Cabs
Case 990 Cab
AC 7030-7050-Cab
MM G1000 Vista Cab
Ford 4000 Cab
Ford 6600 Cab
JD 4320 Cab
Ford 9600 Cab

BALERS
Extra Throwers
JD 214 Wire Tie
NH 851 Round
NH 67

NEW IDEA UNI SYSTEM ATTACHMENTS
731 4x40 Cornhead
743N Cornhead
766 Pickup Head
Extra Grain Heads
728 4x30 Corn Head
3x30 Harvester Head
705 Diesel Tractor
QT Throat Assy.
710 Combine
725 3RN Cornhead

SICKLE MOWERS
JD 9 3 pt.
Ford 3 pt.
IH Cub
IH FH
Sitrex 3 pt. dynabalance

DISCS
IH 10'-11'-13' Transports
JD Plowing Disc-11'
KK 6' 3 pt
IH 480 w/Wings-24'
IH Cub Disc
JD 10' RWA Transport
Bush Hog 16' w/Wings
JD KBA 8' pull
JD 310 Transport
Wilbeck Offset-11'

CHISEL PLOWS
JD 10' Pull
Landoll 10' Pull
5 Tooth V Chisel (3 pt)
1 tooth 3 pt subsoiler
5'-8'-9'-10'-12' 14'-16' 3 pt.
3 Tooth V Chisel

HAYBINES
NH 478-7'
Hesston 1070-7

HARVESTER HEADS (75 In Stock)

PLOWS
AC 3xSC
JD (3 pts) - 2x-3x
JD (Semi) - 4x-5x
JD (pull) - 2x-4x Reset
JD 1x Reset 2500 Attach
Oliver 3x-3 pt
Oliver (pull) 3x
Oliver (semi, Reset)4x-5x
IH 1x (MTD)
IH 2x, 1 pt, FH
IH 3x 3 pt.
IH 550 5x (Semi)
IH 710 5x (Semi)
Ford 2x (3 pts)
MF 880 5x (Semi)
MF 2x Rollover
Oliver 4x3 pt
JD 5x Rollover
Oliver 3x Rollover
JD 3X Rollover
IH 3X Rollover
IH 4X Rollover
AC 3x3 pt
JD 7x Reset
JD 4x Pull
OL 2x Rollover
IH 3x FH
IH 3x FH Disc Plow
Ford 3x3 pt
Case 2x3 pt

MISC. EQUIP.
Spike Harrow
IH Cub & 140 Attachments
Hesston 10W Mower
8' FH Blade
12' Lime Drills
IH Side Dressers
8' to 12' Spring Tooth Harrows
Tandem Axle Fert Spreader
Hesston 30 Mover
(3) Bale Wagons
IH 5100 Drill
(2) Hesston 10 Stackers
Danuser PHD
Fox 660 Blower
IH 56 Blower
Gehl 95 Grinder Mixer
(3) Cornpickers
(7) Harvesters
Transplanters
Hay Rakes
Cornshellers
JD 300 Elevator
Grain Auger-6"x32'
9' & 12' Cultipacker

ROTARY MOWERS
JD 5' Pull
Ford 7' Pull
Woods 6' Offset, 3 pt
Bush Hog 4X Stalk Chopper
Woods C80-3 pt

CULTIVATORS
AC D14-D15 2x
Ford 2x3 pt
JD 2x (H & 420)
JD RM6
JD 6x Frt Mtd
IH Cub & Super A, A, C
IH C-H-M 2x Frt
IH 461 Ftr Mtd 4x

CULTIMULCHERS
JD 930 - 12' 3 pt.

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JOHN DEERE TRACTORS

A Runs Good-Late Model	$800
A w/Widefront-For Collector	$1500
620-3 Pt.-PS-Runs Good	$2200
420 w/Mower-3 pt.-WF-RCP	$2900
301-Gas-As Received	$2900
(2) 435-GM Diesel-RCP	Each $3900
1010-Gas-Cult.-RCP	$3900
730 Diesel-Try-3 pt.-RCP	$3900
JD 301 w/Mower-Clean	$3900
430-PS-3 pt. Cult.-For Collector-RCP	$4500
830-DE-2 Cyl.-Nice	$4500
830-DE-2 Cyl.-Nice	$5500
3020 Gas-Console-WF	$5900
3020 Diesel-WF	$5900
2640 Orchard	$5900
4020-Very Nice-RCP	$6900
4230-4 WD-Cab-Quad	$17,500
R-80-820-830 In Stock	Call

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8N-Nice	$2400
8N-Very Nice	$3200
4000-Utility-Gas-PS-RCP	$4500
3400 w/ldr.-Forks-RCP	$4900
8000-1972-w/Dual Power	$4900
2000 w/Mower	$5900
335-Gas-3 Pt-PTO-ROPS	$6500
4600 Diesel	$6900
5000D-Redone	$6900
1700 w/Tools-Tire Chains 227 Hours	$6900
4400 w/ldr.-RCP	$6900
6600 Diesel-Flat Deck	$7900
9700-ROPS-Wts.	$8000
4100 Diesel-4WD-Cab	$8000
8700-Dual Power	$8900
420 w/ldr.-RCP	$8900

FARMALL TRACTORS

H	$800
404	$1600
Super A w/Cult.	$1900
Super C w/Cult-Sharp	$1900
Cub-Mower-Hydraulic	$2000
Cub-Late Style	$2500
404 w/Mower	$2500
444-Diesel-WF-3 pt.-PS	$2600
504 Diesel-Hi Clearance	$2600
404	$2900
Super AV w/Cultivator-RCP	$2900
560-D-WF-FH	$2900
350 Utility w/Rotary Mower-RCP	$2900
544 w/Ind. Rotary Mower-RCP	$3400
140 w/Woods Rotary Mower-RCP	$3900
424-Diesel-Utility-RCP	$3900
560D-Clean-Wide Front-FH	$3900
656 Diesel-Utility	$4500
574-Cab	$5500
656D-Hydro-Clean	$5900
100 Hydro	$5900
504 w/Loader-Gas-Utility	$5900
886-ROPS-Bad TA-1976	$6500
784-Cab-3500 Hours-1978	$6900
86 Hydro-Hi-Clear-Diesel-RCP	$6900
1206-Nice Local Trade	$6900
1486-ROPS-1977-Rear Noise	$7900
886-1979-Cab-Air-TA Works	$8900
1586-Cab-Air-Bad TA	$11,900
1466-Cab	Coming In
766-Cab	Coming In
826 Cab	Coming In

OLIVER & WHITE TRACTORS

1355	$2500
88-Wide Front-For Collector	$2900

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930 CK Standard-Clean	$3900
970-Sharp	$6500
2670-Cab-Duals-3 pt.-PTO-RCP	$13,500

MASSEY FERGUSON TRACTORS

Pony w/Mott Mower	$1900
22 w/Loader-3 Pt.	$2000
1080D-1972	$3200
130 Vineyard-Diesel-3 Pt.	$3400
35 Gas-WF-3 pt.	$3400
165 Gas-WF-3 pt.	$3900
165 Diesel	$3900
65 Utility Diesel-Rebuilt Multi Power	$3900
35-Gas-RCP	$3900
(2) 50-GAS-RCP-Sharp	Choice $4800
65 Gas-PS-RCP	$4800
35 GAS-P.S.-RCP	$4900
165 Diesel-Multipower	$5400
MF 165 Gas-WF-3 pt.-RCP	$5900
1105-Diesel-WF-3 pt.-RCP	$6900

IMT, LONG, KUBOTA, VALPADANA & DEUTZ TRACTORS

Long 460-1978-As Is	$2500
Kubota B6100-2WD	$2900
Kubota B7000-4WD-Rotovator	$4400
Valpadana 20/26 4WD-DEMO	$5900
Kubota L235-4WD	$6900
IMT 539-New	$6995
Kubota L275-4WD w/Mower	$8800
Valpadana 4033-4WD-DEMO	$8800
Long 360 4 WD-New-Was $13,690	$9400
Long 460 4 WD-New-Was $15,373	$10,800

ALLIS CHALMERS TRACTORS

G-RCP	$1900
D17-Gas-Try	$2900
D17 Series 4	$2900
200	$4900
210 Diesel	$6500
185-Wts.-Very Nice	$8500
185 Cab-Air-1978-2200 Hours	$9900

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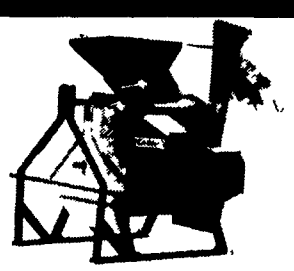

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- 3 Pt. Economy $795
- 3 Pt. Standard $1395
- 3 Pt. Deluxe $1695
- Pull Type ..... Add $100

Pictured Is Standard Model

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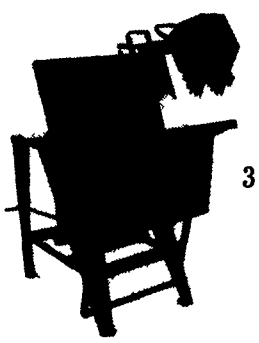

3 Pt. WOODSAWS

$495

1981 IH 1654 DIESEL
Auto., P.S., New
900x20 Rubber,
120" CA

ONLY $10,250

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1966 Chevy C60 Dump	$3900
1968 IH 1x Dump	$3900
1973 Ford F350 w/Dump	$4900
1968 Dia Reo 1x Dump	$4900
1981 IH 1654 C&C	$10,250

POTATO EQUIP.

Iron Age 2X Planter
1 Row Planter
2 Row Digger
1 Row Digger-3 pt.

FORAGE WAGONS

Fox 625

FIELD CULTIVATORS

Glencoe 13' 3 pt

DUALS

18.4x34 Snap On
20.8x38 Axle
18.4x34 Axle
18.4x38 Snap On
18.4x38 Ford Axle
20.8x38 Snap On

SPREADERS

JD R
IH Cub
NI 18
NI 12A

CONSTRUCTION EQUIPMENT

NEW 1986 TRAILERS ON SPECIAL

- 2 Axle, 4 Ton, 14 Ft. $1,495

TRAILERS

1986 1x1 Ton	$695
1986 2X 4 Ton	$1500
6 Ton Tag-A-Long	$2800
6 Ton Goose-neck	$3400
Used 12 Ton	$3900
26' Goose-neck	$4500
Phelan 20' Lowboy	$4800
1986-12 Ton	$5800
1977 44' Movall Drop Deck	$10,900
1977 Phelan 25 Ton Double Drop	$12,900

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White 4-30	$3500
Melroe 720	$4900
OMC 440	$7900
(2) Case 1845 Diesel	$8900

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4000 lb., Solid Tires, Side Shift	$1000
3 pt. Attach-NEW	$2500
Clark 6000 lb.	$2900
Datsun 9000 lb.	$3900
White 6000 lb.	$4900
AC 6000 lb.-RT	$5900
Clark 8000 lb.-RT	$5900
White 4000 lb.	$6900
White 2-44	$7900
TCM-6000 Lb.	$7900
Hyster 10 Ton-RT	$8900
TCM 5000 Lb.	$9900
Komatsu 5000 lb.	$9900
AC 600-21'	$10,500
White 21'	$11,500
Case 586	$12,500
AC I600-21'	$12,500
Sanderson SB70	$16,500

TRACTORS WITH LOADERS

MH 22	$2000
MF Workbull	$3900
Ford 3400	$4900
MF 30	$4900
MF Workbull	$5900
Ford 3400	$5900
JD 301	$5900
IH 504	$5900
Ford 4400	$6500
Ford 4400	$6900
IH 2400B	$6900
IH 2400B	$7200
IH 2500A	$7500
IH 2500B	$7700
IH 2500B	$7900
Ford 515	$7900
Ford 515	$8600
Ford 420	$8900
(2) Ford 515	$8900
Valpadana 4033-4WD DEMO	$10,800
Valpadana 4038-4WD DEMO	$11,300
(11) Ford-IH	Coming In

LOG SKIDDERS

Ford Log Hog	$2800
Franklin	$3500
Timberjack 230	$10,500
JD 540 A	$11,500
JD 440C-1978	$18,800
JD 640	$24,900

MISC. CONSTRUCTION

(100+) Used Hoe Buckets	Come Look
(30) Loader Buckets	Come Look
(30) Set Forklift Forks	Come Look
Mortar Mixer	$795
(2) Rollers-1 Ton	$1250 & Up
2 Ton Roller	$1750
JD 350 Winch Attach	$1900
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Joy 185 Diesel Compressor	$5900
Galion 503 Grader	$7900
Galion 503 Grader	$8900
Leroi 175 Air Compressor	$8900
Rex 3-50 Compactor	$39,500

BACKHOES

IH 3616	$5900
IH 2400	$5900
Ford 3550	$6900
Ford 5550	$6900
JD 300	$7900
Case 580	$8900
(2) JD 400	$8900
MF 30	$8900
MF 50-Cab	$10,500
IH 260	$10,500
JD 310	$10,500
IH 2500B	$10,500
IH 2500A-Cab	$10,900
JD 410	$10,900
JCB-Cab	$11,500
(3) Case 580B	$12,500
JD 410-Cab	$13,500
Case 580F-Cab	$16,500
Case 580C	$16,500
(4) Case 580F	Coming In

RUBBER TIRED LOADERS

Hough H25	$1500	Hough 65-Cab	$10,000
Trojan 124-Cab	$7900	Fiat 545-Cab	$16,500
Trojan 204-Cab	$8900	Fiat 345B-1979	$19,500
Michigan 175A II-Cab	$10,000	Ford A62-1980	$25 000
		JD 644B	$26,500

DOZERS

IH TD14	$2900	JD 450 6 Way	$13,500
JD 1010	$5900	Cat D4D-Cab	$19,500
JD 450	$7500	Cat D5-Cab	$19,500
JD 350 Cab	$9500	Case 1150B-Cab	$19,500
JD 350 6 Way	$9500	(5) Cat D4D	Coming In
Case 450B-6 Way	$13,500	Case 850 6 Way Cab	Coming In

CRAWLER LOADERS

Case 850	$7500	MF 200 w/Hoe-Cab-4-in-1	$12,500
(3) Case 350 . Each	$8500	Cat 951C	$12,900
Case 850	$8500	MF 400-Cab-Ripper	$14,500
MF 2244 w/4 in 1	$8500	Cat 931-Cab	$17,500
(3) Cat 933F Cab	$9500	Komatsu D31-Cab	$18,500
(2) JD 350-Cab-Ripper . Each	$9500	Cat 941-4 in 1	$21,500
IH 150	$9500	Cat 941-Cab-Ripper	$22,500
Case 450	$9500	(2) Cat 941-Cab-4 in 1	$22,500
IH 500C w/Hoe	$9800	JD 450 B	Coming In
Cat 933F Cab 4-In-1	$10,000	JD 450 w/Hoe	Coming In
JD 450	$10,500	JD 350	Coming In
Cat 933G Cab Ripper	$11,500	Cat 941	Coming In
JD 450 w/Hoe	$11,500		

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1 FARM EQUIPMENT

All Steel Frame
Hay Wagon, 8x18
All Sizes, Steel Hay Feeders
24' Feeder On Whls.
Self Locking Panels
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ACRES OF USED EQUIPMENT AND TRACTOR PARTS
WE WILL BUY OR TRADE YOUR USED EQUIPMENT IN ANY CONDITION.

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Ford 1700 w/Mower
Ford 9000 Cab & Duals
Ford 3910, like new
Ford 2000 w/Blade
Ford 601 w/Blade
Ford 555 Loader & Hoe
Ford 550 Loader & Hoe
Ford 4610, 800 hrs.
Ford 3400 w/Loader
Ford 3400 Loader & Hoe
Ford 3600 D.
Ford 3000 w/Loader
Ford 3000 8 speed
Ford 2810, 600 hrs.
Ford 2110, 500 hrs.
Ford 2000 D, NFE
Ford 2000 G, 8 SP
Ford 1100, 4WD
Ford 801 w/Loader
Ford 420 w/Loader
Ford 335 w/Loader
Ford 7600 w/Dual Power
MF 33 Pay Loader
MF 180, 8SP
Mitsubishi 210, PS
AC D15 3 pt.
AC CA w/equip.
IH 574 w/Loader
IH 454 G, PS
Case 830
JD 3020 D., NFE
JD 3010 D., NFE
JD 2010, G, NF
JD 850 w/Loader
JD 60 PS, LPTO
MF 175 D 8 speed
MM 445, WF
Oliver S 55 3 pt.
JD 3300 Combine
NI 323 Picker
NI 206 Spreader

KELLER'S FARM MACHINERY, INC.
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Quakertown, PA 18951
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6500 gal. tank w/3 HP 2" pump, 100; 2" PVC hose w/2" valve and 10, 2" assorted cuplings. Total Sale Price $2,700
1600 gal. tank w/2" valve, 30', 2" PVC hose and 2, 2" couplings, $535
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Other Size Tanks Available
Limited Quantities
Sale prices only to Dec. 16, 1986
1½", 2" and 3" PVC hose, rubber hose and couplings at wholesale prices.
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SUPER SPECIALS
New Model 385 Deutz-Allis Corn Planter 4 or 6 Rows - Liquid Or Dry Fertilizer - Air or Plate Units
Call For Special December Price

USED EQUIPMENT
Deutz 8006 Used Tractor, Ex. Cond.
MF 230 1400 Hours, Excellent Condition
XT 190D AC Tractor, Real Nice
NH Model 90 Bale Handler
AC 4 bottom SC plow
IH 400 Cyclo 4 Row Planter w/No-Tills Yetter
IH 400 Cyclo 6 Row Planter.
Cagle 750 Gal. Tandem Axle Field Sprayer, Monitor and Fully Equipped
LKS Combine w/Grain And 630 Corn Head
MF 205 Combine w/240 Corn Head

SPECIAL SALE
KUHN MOWERS RAKES AND TEDDERS
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Planters w/Dry Fertilizer
No-Tills, Insecticide Units. Complete
Plate Planter, One Only At $6,495

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New A.C. 40 H.P. Diesel Tractors w/Hydraulic & 3 Pt. Hitch $7,800 Ea.

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AC 7030	AC 7010D	AC XT190D	IH 806
AC 7060	AC 200	AC 180D	JD 2010
AC 7040D	AC 210	AC D19D	MF 65G
AC 7045D	Oliver Super 77	AC D14	Case 1490
AC 7050D	AC 7000D	AC 5050D	JD 450 Crawler
AC 7020D		AC 5040D	Oliver 1650D

Used Hay Wagons
New Field Cultivators Model 1200, 10½ to 16½ Ft From $1,100 to $2,500
Used Gehl Mower Conditioner

USED COMBINES (LIKE NEW)
A C Models G-C-N-L-F
These Combines are in Excellent Condition

NI 706 UNI-SYSTEM, HYDRO DRIVE w/717 COMBINE, CORNHEAD & GRAINHEAD

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bobcat
Quarryville, Pa.
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DEUTZ ALLIS

RINGTOWN FARM EQUIPMENT

NEW EQUIPMENT
1494 w/cab & PS
234, 2WD
244, 2WD
385, w/ROPS
475 disc, 17'5"
370 disc, 11'6"
800 Cyclo planters, 4R
IH 4500 Vibra Shank
IH 5100 Grain Drill, 20x6
IH 4600 Vibra Shank

USED EQUIPMENT
IH 490 Folding Disc, 24' Well Maintained
MF Model 540 Combine w/Hds Used 2 Yrs Exc. Condition
Int. #16 Forage Harv. w/1R Hd. Nice

154 LoBoy w/Mower
IH 45 Baler
Case 230 Baler
IH 384
IH 1456 w/cab
IH 1256 Tractor
500 Crawler R/C
666 Farmall G, WFE
Farmall H
Farmall C
Farmall SC w/Cults.
NH 555 Skid Loader
Haines bulk bodies
Massey Harris drill 16x7
Potato planters
1R Potato Digger
JD 4400 combine w/grain head & corn head
#475 Disk 17' 5" 22" Notch Discs Used One Season
IH 710 3 Btm. Auto. Trip Plow, excel. cond.
IH forage blower
Holland transplanter
IH 4 btm. semi-mtd. plow
Haines Stone Pickers
(2) IH 234 Corn Pickers
IH 1150 Grinder-Mixer
IH 456 Corn Planters
IH 400 Cyclo Planter
JD Plateless Planter

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Since 1949

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(2) 605 J Auto Weave Balers (New)
(1) 605 E Baler (Used)
(1) 605 D Baler (Used)
(2) 107 No-Til Drills (New)
(1) R23 Twin Rake, Hydraulic
(1) R8A Single Rake, Hydraulic
Vermeer 504 Super G, Heavy Duty

NEW VICON EQUIPMENT
(2) KM 321 Mower Conditioners, 10' 6"
(1) KM 281 Mower Conditioner, 9' 5"
(3) KM 241 Mower Conditioners, 7'10"
(1) OM 281 Mower Conditioner
(1) OM 241 Mower Conditioner
(2) RC 330 Tedder Rakes
(1) RS 310 Tedder
(1) RS 510 Tedder, 3 Pt. Hitch
(1) RS 610 Pull Type Tedder
(3) TS 1002 Seeder Spreaders
(3) LS 200M Sprayer, 21' Booms
(4) LS 400M Sprayer, 28' Booms
(1) LS 870M Sprayer
(1) LS 1410T Sprayer
(1) LS 1910T Sprayer
(1) LS 1410T Sprayer, Truck Mount

NEW H&S EQUIPMENT
(1) Super 7+4 Forage Box, Tandem Axles
(1) 8x18 Self Unload Bale Rack

USED EQUIPMENT
AC Forage Box
New Idea 7' Cutditioner
Speed King Auger, 6"x36 ft., PTO Drive, Ex. Cond.

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975 S. Main St. Chambersburg, PA
(717) 264-3533

USED EQUIPMENT

TRACTORS
IH 1466 w/Cab & Duals
IH 806 Gas, needs work
IH 784
IH 706
IH 560 G
IH 460 Utility Gas
IH 674 D
IH 656 D
IH 560 D
IH B414 D
IH BN
IH H
IH M
MH 44 w/Corn Picker, very nice
(2) MF 1105
MF 2675
MF 1080
JD 4010 D
JD 4620
Case 1070
Oliver 770 D
(2) Cub
Ford 901 w/2R Picker
Ford Jubilee
Farmall A
Case 730 Dsl., 3 pt.
David Brown 990 w/Loader
Farmall Super M

BLOWERS
Sprme 56 | Fox Table, PTO
IH 56 | Gehl 99
Dion #14 | Badger 54
Dion 60 | Badger 98
NH 30

CORN PICKERS
NI 324, 2RW | NI #10, 1R
NI 323, 1R | NI 300, 2R
NI 314, Sheller Attachment

GRINDER MIXERS
OMC 117 | NH 357

COMBINES
IH 1460 | IH 82 Pull
IH 1440 | IH 303
IH 863, 6RN | IH 203
IH 844, 4RW | Case 600
IH 810-13 | IH 1460
IH 820-16 | IH 963, 6RN
IH 227, 2RN C.H
IH 715
MF 82, very nice
MF 4RN & 4RW Corn Heads
JD 55 w/Cab, Sq. Back
JD 45 w/Cab, 10' Platform, 2R Corn Head
JD 334, 3RN Corn Head
JD 12' Platforms

MOWERS
IH 475, 12'
IH 401, 12'
IH 370 12' Disk
BH 10' | JD KBA 8'
JD 12' BWF | IH 9A 9'
IH 37, 8' | 9' Packer
IH 47, 13'
Niemeyer 3 pt 8 Power Harrow
Brillion 12 Field Cultivator
Miller 8 Disk

FLAIL CHOPPERS
Gehl 7200 | Brady 122
Gehl 72 | Brady 121
IH 5 | Brady BP 80
IH #8

MOWERS
IH 222
IH 100
NH 450
Woods 48" for MF 205
Bush Hog 60' 3 pt.

GRAIN DRILLS
IH 10, 16x7
IH 13x7, Steel Whls.
Tye 80 No-till
JD FB 13x7
JD 15x7
IH 13x7 Steel Wheel
Oliver 13x7

HARVESTERS
IH 830
IH 555
Gehl 600
Gehl 300 w/2RN
Papec 180
Fox 1000
Fox 2000
JD 2RW C.H.
JD 3800 Fg. w/2R C.H.
Fox 3000
Fox 546
Fox FA
2RW Corn Head
2RN Corn Head
Cutter Bar

PLOWS
IH 311 3x14
IH 55 Chisel Plow
IH 55, 10' Pull Chisel Plow
JD 345, 4x16
IH 550, 5x16
Ford 4x16
MF 3 pt. Chisel Plow
MF 880 5x16 Auto.
White 508 Plow, 4x16
BH 3 pt. 52" Tiller
IH 710, 3x16
AC 4x16

SKID LOADERS
Case 1830, very nice
OMC 440
IH 4130, 850 hrs

MANURE SPREADERS
NI 212 | NI 354
NI 213 | NH 518
NI 214 | IH 550
NI 218 | Star 930
NI 224
Better Bilt 2600 Gal. Liq. Manure Tank
Hesston 1510, 1500 gal. Liq. Tank
Clay 800 gal. Vacuum Tank
MF Manure Spreader
NH 676 | Hawk Bilt 207
NH 676 S | HB 257
NH 790 | HB 357

LOADERS
NI 506
IH 2050A
KW for IH 284

WAGONS
Gehl 920, 16'
Gehl 910 Fg. Box
Gehl 710
Gehl 610, 14'
Grove 16'
Grove Rear Unloading Bale/Forage
Couhoun 620, 16'
IH 110
Turnco Gravity Box
Bale Wagons
JD 122

MISCELLANEOUS
Winpower 15-25 Alternator
Winpower 12T-2 Alternator
NI 109, 3 pt Fert. Spreader
IH 6' Blade
Ber-vac 51" 3 pt. Snow Blower
Caldwell 10' Blade
NI 36' Elevator
Mayrath 6" Transport Auger
Pequea Hay Tedder

NI UNI EQUIP
NI 838 Husking Bed
NI 841 Feeding House
702 D, ex.
760 Fg. Harv
761 Hay PU
767 Har.
713 S Platform
717 Combine
710 Com.
844, 4RW | 766 PU
735, 3RN | 720, 2RW
702 D | 730, 4RW
729 A Shel. | 725, 3RN
727 Husk.
NI 768, 3RW/N Corn Head

WINDROWERS
IH 1190
IH 990
IH 225
NI 290
AC 904
NH 1469 SP
NI 272, 7' Cutditioner
OMC 229
Gehl 108
Gehl 440
NI 270 Cutditioner
Hesston 1214 Swing Tongue

COMING IN...
Case 1830 Skid Loader
Case 1816B Skid Loader
OMC 345 Skid Loader
Gehl 920 Wagon, very nice
IH 544 U. Tractor
NI 213 Spreader
NI 214 Spreader
Farmhand Flail Spreader
Walsh 165 gal. 3 pt Sprayer
Wic 7HP Bale Chopper
Fox 546 Harvester w/2R Corn Head
JD 34 Forage Harvester w/1R Corn Head

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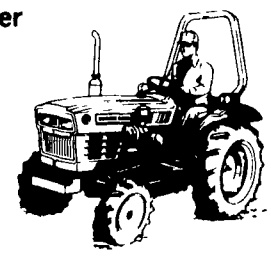

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COMBINES

1977 MF 510 Diesel hydro w/big rubber, air wings, grain saver & heads, just traded, real nice.
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Massey 300 w/grain & corn head
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Massey 82 w/grain & 2R corn, $1200
Massey 72 w/grain, $1200
MF 760 6 cyl. turbo w/grain & 6R 30" corn, $14,500
Massey 410 dsl. quick tach, cab & air, $4,000

2 C-2 Gleaners w/4RW for 4RN & grain head
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IH 403 w/4R grain head $3000. [SOLD]
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IH 403 hydro w/4R 30" & grain, $5500
MF 510 diesel quick tach w/grain, $5500.
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2 IH 105 w/10' Grain & 2R Corn
2 JD 45 w/10' Grain & 2R
JD 55 w/12' Grain & 2R

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IH 990 9', $1375
NI Rotobar Rake, $850
3 JD Rotobar Rakes, $450 to $675.
Gehl 9', $875
IH Wheel Rake, $625
NH 489 $3500
NH 474, 7', $3750
NH 256 Rake, $1250
IH Rake w/front dolley wheel, $785.
NH 477, 7', $2150

CORN HEADS

NI 3R 30"
MF 300 3R 30"
IH 503 6R 30"
IH 205 or 315 3R 30"
IH 815 4R 38"
MF 300 2R 38"
IH 203, 205 & 315 2R 38"
IH 403 4R 30" & 4R 38"
2, 3, 4, and 6 Rows

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3 pt. 6,7 & 8'
Also pull types.

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Farmall 400 gas, fast hitch & power steering
AC D-19 Dsl. w/WF, as is.
AC C w/Woods belly mower $1500
IH 340 w/PS, fast hitch
IH 1066 Dsl., cab, dual PTO, 3760 hrs. w/complete motor overhaul, rebuilt injector pump, new oil pump, will show bills, $9500.
Farmall Super M w/WF
Farmall C, real nice, $950
Ford 3000 Diesel, $4000
Farmall Super C w/hyd. & pulley $975
Massey 1080 D, $5200
IH 340 w/fast hitch [SOLD]
Ford 6000 Diesel $2475
Massey Pony Pacer w/1R cult. & 1 btm. plow $1250
Farmall 560 Diesel $2850
AC D17 Diesel snap coupler

WIDE FRONT ENDS

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Massey 101, 30 & 33
AC D17
AC D19
WD 45
WD
Farmall C or Super C, 200 & 230
Ford 6000 WFE

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2 Gravity Wagons
IH fast hitch balanced head mower
Sickle bar mowers, 3 pt. semi & trailer types.
IH Loaders to fit C, Super C, 200, 230, H, M, 300, 350 & 300 & 350 utilities
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SPREADERS

NH tank w/hyd. lid
NI 213 PTO's

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8, 10, 11, 12, 13, 14 & 15'

TRACTORS ALL WITH LOADERS

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Farmall M w/PS $1,850.

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NI 2R 38" Pull Type
NI 701 or 702 husking unit w/2 or 3R corn head
NI late 323 1R
NI 324 2R 38" w/super sheller, used 1 yr. like new, $3000.
Oliver 73 2R 38" pull type $750
IH 1PR pull type $975
NI #7 1R pull type $700.

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(15) From 2-7 Bottom

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IH #5 Flail [SOLD] er
NH self propelled w/2R & pickup head
IH 830 3R corn & p.u. head
IH #8 flail chopper
AC 720 2RN & pickup $750
JD 34 1R & pickup $875

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3 pt. 7'
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IH: 1256, 666 Hydro, 806, 706, 660, 656, 560, 504, 404, 460, 450, 400, 350, 300, 340, 240, 230, 200, MTA, M, H, C, BN, A, Cub, F30, F20, F14, F12. JD: M, 4010, 3010, 2020 Dsl., 2010, 720 D, 70, 60, 50, A, B. AC: 180, D17, WD, WC, CA, C, B. MF 1155, 90, 85, 444, 333, 44, 33, 30, 20. Case: 400, 300, DC, SC, VAC. Ford 6000, 4000D, 960, 860, 800, 8N, 9N. Oliver: 1800, 88, 77, 70, 60. Crawler D2 Cat & Oliver MM 5 Star, R, Z, E3 Coop

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COMBINES

JD 7720 4WD, 2400 Hrs. 216 Flex Cutter Bar, 643 C.H.
JD 7720 w/4WD, 1,830 Hrs. w/JD 220 flex cutter bar, and JD 843 corn head
JD 7700, 15' Platform 1971
JD 7700 Gear Drive, Rotary Screen, 15' Cutterbar, 1975
JD 6620 w/1,784 Hrs., 216 Flex Cutter Bar.

TRACTORS

'78 JD 2440, 940 hrs., excellent condition
'74 IH 1066
'71 JD 4620, Cab, Dual, 20.8 Tires
'73 JD 4430, Cab & Air, QR Dual 18.4x38
IH 184 Low Boy w/60" Woods Mower

TILLAGE

15' Ford disc harrow w/dual whls.
JD F145, 4 btm. semi plow
Ford 4 btm. 16" mounted plow

PLANTING EQUIPMENT

JD 7000 Front Fold No-Till Coulters, Liq. Fert.

MISCELLANEOUS

Farm Hand XG-50 tub grinder, excellent condition, 2 yrs. old, all updates installed, $16,000
JD 35 Harvester w/2 RW Head
JD Rotary Hoe 3 Pth.
Century Recycling Sprayer
Hesston Round Baler 5600
JD 350 Sickle Bar Mower, 3 Pt., Like New, cut 5 acres, $1,700
JD 336 Baler
IH 3 pt. hitch sickle bar mower

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MF 65 Tractor, Diesel, Very Clean
Case 1570 Tractor, very good condition Priced below Dealer's Cost
MF 410 Combine w/4 RW Head
JD 4400 Combine, Dsl. Engine w/Both Heads
Papec Harvester w/PU Head, 2R C.H., 2 R Snapper Head
JD 7000, 6R Conservation, Loaded, Dry Fertilizer
JD 7000, 4R Planter w/Frame Mtd. Coulters
JD 7000 4 RN Corn Planter
JD 1240, 4R Planter, $750
JD 494A Planter, $500
IH 400 Cyclo 6R Planter w/Liq. Fert., Insect. Attach., Hyd. Markers, Monitor $3,000
IH 400 Cyclo 6R Planter w/Dry Fert., Insect. Attach., Hyd. Markers, Monitor, Hydraulic Driven, $3,000
Case 140 spreader, top beater, good cond.
JD 450 Hydro Push Spreader, Real Nice
JD 3B Hydraulic Reset Plow
JD AW Disk
JD 520 Sprayer
JD 213 Grain Head

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case IH

TRACTORS

- Case 430
- Case 530 w/Loader
- Case 1030
- Case 1070
- Case 1490
- White 2-105 Tractor
- David Brown 990 w/Loader
- David Brown 1200
- Ford Jubilee
- Farmall H w/Loader

LOADERS

- Case 1816B Skid Loader
- Case 450 Crawler Dozer
- NH L425 Skid Loader

TILLAGE

- IH 3-16 Plow, Auto. Reset
- IH 370 Disc, 10 Ft
- Int. 2-Bot. Trailer Plow
- Case Disc Harrow, 10'
- Case Field Cultivator
- Oliver 22' Disk
- Oliver Disk
- Used Cultipacker

HARVESTING EQUIPMENT

- Hesston 2000-150 Harvester
- Hesston Harvester Head-3 Row Wide
- Hesston Harvester Head-3 Row Narrow
- NI Unisystem, 702 Diesel, 710 Combine & 760 Harvester
- NI 709 Uni-System
- NI 315 Sheller
- NI 717 Combine
- NI 737 Husking Bed
- NI 838 Husking Bed
- NI 767 Super Chopper
- NI 323 1-Row Corn-picker
- NI 325 12 Row Husking Bed
- NH 717 Harvester
- Gehl 800 Harvester
- Gehl 1200 Harvester w/pickup and 2-row cornhead

HAY EQUIPMENT

- IH 1190 Windrower
- NH 469 Windrower
- NH 479 Windrower
- Hesston PT 10
- Hesston 1010 Windrower
- 2 Bale Thrower Wagons
- Case Hay Rake
- NI 456 Round Baler
- NI 484 Round Baler

MISCELLANEOUS

- JD 38 Ft. Elevator
- Zimmerman Elevator
- King Wise 32' Elevator
- IH 56 Blower
- Int. 56 4-Row Planter
- IH No 10 13-Disc Drill
- 4-Row Cole Corn Planter
- 6 Used Spreaders
- Scavenger 1263 Manure Spreader
- Scavenger 1678 Manure Spreader
- NI 218 Spreader
- NI 224 Spreader
- NI 245 Spreader
- Weaverline Cart, 24 Bushel
- Weaverline Cart, 30 Bushel
- (1) Gravity Bin Wagon

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Case 800
Case David Brown 1200
SAME Leopard 85, 4WD, with Cab Enclosure
IH 966
Case 300 Wide Front, Gas

SKID LOADERS

Case 1845B Skid Loader Ex Cond , 1984 Model
Gehl 4600
Mighty Mac Skid Loader
IH 4140 Skid Loader
IH 3300 Skid Loader
Case 1830 Skid Loader
Case 1845 Skid Loader

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Case 444 w/44" Deck & Snow Blade
Case 220 w/38" Mower And Snow Blower
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8 Ft 3 Pt. Pittsburg
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(3) Gehl 99 Blowers
Gehl CB400 Harvester
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NH 38 Flail Chopper
NI 329 Super Sheller
MF 260 Harvester
Hesston 3-Row Narrow Cornhead
IH 205 Combine

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Case 580C Backhoe w/Roll Frame

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Hesston 1510 Tank Spreader
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case IH

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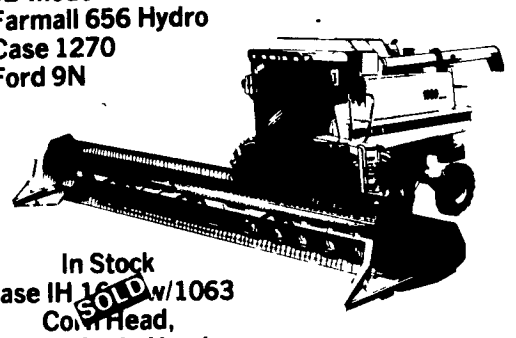
JD Model B w/Cultivators
Farmall 656 Hydro
Case 1270
Ford 9N
IH 444, Gas
IH 684, Nice
IH 1066 w/Cab



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Case IH 16[SOLD]w/1063 Corn Head,
1020 Grain Head

USED EQUIPMENT

Int. 710 5 F Auto. Reset Plow
Int. 720 6F Plow
Int. #56 Blower
Int. 440 Baler w/Thrower
900 Badger Blower
IH 510 16x7 Comb. Grain Drill
13' 3 Pt. Chisel Plow
JD 214 Forage Box

NEW GEHL EQUIPMENT

960 Forage Box w/roof
1540 Forage Blower

USED COMBINES

Int. 1440 Combine
Int. 715 Diesel w/4 row narrow head, nice
MF 750 w/grain head
Int. 715, late model

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TRACTORS

1981 JD 4440 Power shift, fact cab & air
1979 JD 4240, fact. cab & air Quad range
1982 4040, Powershift fact cab & air, radials, 1200 hrs , 1 owner, very nice.
1986 JD 2950, fact. cab & air, 400 hrs , one owner
JD 4430, fact. cab & air, powershift
JD 4430, quad, fact cab & air
JD 4020 dsl , w/500 hrs on major overhaul, year round cab, dual hyd, diff-lock, WF, very nice
JD 4010, gas, WF
JD 2750 Fender tractor, like new
JD 2640, very nice
JD 3020 Dsl , side console, WF, syncro
JD 1530 Dsl w/recent engine overhaul
JD 950 Dsl w/loader
JD 720 Dsl , rebuilt engine & pony motor
IH 5088, 700 hrs , Western Interior, very nice
IH 1486, 1981 model, 3 outlets, Western int , dual PTO, all of the late features, very nice
IH 1486, fact cab & air, red interior, 20 8x38 radials, dual PTO & 3 outlets
IH 1086, fact cab & air, new TA, diff-lock, red seat, 79 model
IH 1086 fact cab, air, fully equipped
IH 986, 1981 model, fact cab & air, all the late features, low hrs., nice
IH 986 Fact Cab & Air 38" Rubber
IH 986, fact cab & air, '79 model, 1000 hrs
IH 886 1980 Model, Fact Cab & Air
IH 886 Cab & Air, Fully Equipped, Sharp Low Hr Tractor
IH 1066, 75 model, red cab, air, radial tires, very nice
IH 1066, fact. red cab & air
IH 1066 w/100 hrs on Major Overhaul, sharp
IH 1456, 20.8x38, dual PTO & hyd , nice
IH 1206 w/dual hyds & PTO's
IH 856 Dsl WF, fender tract
IH 856 Dsl , 3 pt , WF, year round cab w/air
IH 826 Dsl , 3 pt , nice
IH 806 Diesel, 3 pt WF
IH 766, WF, 3 pt. with cab
IH 766, WF, 3 pt fender tractor
IH 756 dsl w/cab & 3 pt WF
IH 756 Dsl 3 pt WF, very nice
IH 784 w/TA & H pattern shift, 1983 model, 790 hrs
IH 574 Gas, 951 hrs w/quick tach loader
IH 656 Dsl , hydro, 3 pt , NF
IH 656 gas, hydro WF, 3 pt , sharp
IH 460 gas utility w/rebuilt engine
Farmall 450 gas w/fast hitch, 375 hrs , on complete engine overhaul, very nice
Farmall H, live hyd , nice
Ford 5000 Gas, very nice
AC 180 Gas, WF
MF 175 Dsl w/multi-power

HARVESTING EQUIPMENT

IH 715, Cab & Air, Gas, Hydro, 800 Series, Throat, w/810 grain head & IH 843 corn head, very nice unit
K Gleaner w/3RN & 10' grain head, nice
NI 709, cab, air, hydro, sharp
NI 707 Perkins Dsl cab & air, variable speed
Late NI 702 w/737 husking bed, choice of heads
NI 701 Inline 6 cyl , gas, variable speed, cab
NI 710 Combine w/711 Grain Head
NI 325, 2RN, 12 roll bed, nice
NI 325 2RN, 8 roll husking bed
NI 323 Picker, good
NI 716S Grain Head
NI 767 Super Chopper, nice
NI 740 & 741 Quick Tach Throats
NI 768 W&N, 763 Chopper head
NI 3 & 4RN Hds
NI 2, 3, & 4RW hds
NI 769 Flail-mate for Uni Chopper
MF 44, low profile, 4RW
MF 13 grain head
IH 810 13' grain head
IH 843 4RN corn head

IMPLEMENTS

White model 425 chisel 10-tooth, heavy duty, high clearance w/Buster bar, 1 yr old, 100 acres total
IH 720, 5x18 Togle trip
IH 710, 4x18" Auto Reset
IH 700 4x16" auto reset
IH 6000 Conservation til chisel, 13-tooth
Pull type 11 tooth high clearance chisel
3 pt. 10 tooth chisel, high clearance
IH 10' 770 offset disc
Kawanee 10' Cultimulcher
JD 110 Disc, 14'
ID AW Disc. 14'
JD RWA Disc, 12'
IH 500 12' plowing disc
IH 480 Wing Fold, 21'
IH 37 10' Disc, nice

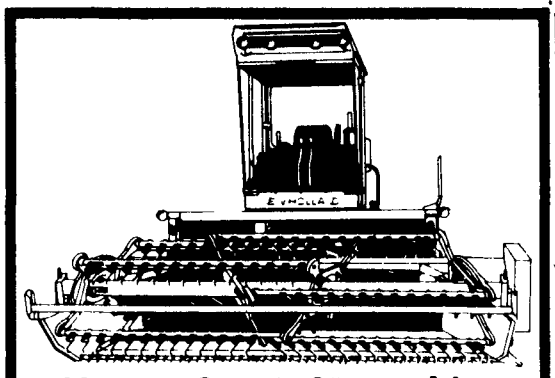
MISCELLANEOUS

JD 7000 conservation planter, 4R dry fert, 400 acres total, [SOLD] very nice
IH 2001 Loader
Dual wheels - 34's and 38's
3 Cabs to fit 06 series thru 66 series IH tractors
Tractor Weights JD & IH
JD Adapter for High Moisture Ear Corn for JD Chopper

Dismantling For Parts:

IH 1256
IH 70 hydro w/good hydro
IH 806 Diesel
NI 702 D
IH 706 Gas Tractor
Farmall H
Used Dual PTO's for IH tractors

Box 191 New Providence, PA 17560
Business Ph. 717-786-1606
717/464-5960 Evenings



New 1495 NH SP Haybine

Fully Equipped

List Price ~~$40,750~~

Sale Price $33,500

NH Dividend For Cash Minus $1,000
OR
Low APR Interest
OR
0% Interest 12 Months

Shover's
Loysville, PA
717-789-3117

BHM FARM EQUIPMENT, INC

Annville, PA

717-867-2211

NEW HOLLAND

NEW EQUIPMENT

NH 555 D. Skid Loader
NH 785 D. Skid Loader
NH 307 Slurry Spreader
NH 514 Manure Spreader
NH 791 Spreader
NH 304 Slurry Spreader
NH 900 Forage Harvester

USED EQUIPMENT

NH 276 Baler & Thrower
NH #30 Blower
NH 256 Hay rake w/Rubber Teeth
NH 495 Haybine
NH 354 Grinder Mixer

DEUTZ ALLIS

Tanaka Chain Saws & Weed Cutters

NEW EQUIPMENT

AC 8030, 2 WD Tractor, full warranty, 130 HP, $27,500
Deutz Allis 6080 2WD w/Cab
Deutz Allis 6250, 2 WD w/455 Loader
Deutz Allis 6275, 2 WD w/ROPS
AC 1200, 16½' Field Cultivator $2,450

USED EQUIPMENT

IH 915 Combine w/763 Corn Head & 810 Grain Header, $8,500

1976 Gleaner F Combine w/430 C.H. & 13' Grain Platform, Excellent Condition

AC 5050 Tractor, 226 hrs., $7,950
AC CA Tractor
AC B Tractor w/Cultivator
IH 584 Utility
IH 350 Utility w/#34 Loader
IH C Tractor
IH M Tractor w/IH 2MH Corn Picker, $1,500
Farmall 350 Tractor
Newfield 465 Tractor
Oliver 1550 Tractor
Case Stalk Shredder
JD 336 Baler w/#30 Thrower
JD 24T Baler & Thrower for parts, $350
IH 46 Baler
IH 56 Blower
Gehl Hi Throw Blower
AC Pitmanless 3 PTH Mower
IH 51 Forage Wagon
JD 4Fx16 Trailing Plow
MF#33, 17x7 Grain Drill
JD Wheel Rake
NI 218 Spreader

HORST GROUP / **power pro equipment**

New OMC Mustang Skid Loaders In Stock

USED EQUIPMENT

JD 90 Skid Steer Loader
OMC 330 Skid Steer Loader w/Hyd. Post Hole Auger
OMC 440 Skid Loader
OMC 345 Skid Loader, Like New
NI 214 Spreader $500
New BushHog 12 Ft. Disk Harrow
Hough Payloader

10% Investment Credit Still Available For A Farm Finance Lease. Call Larry for Details.

If You Are Looking For A Good Skid Steer Loader - Give Us A Call

POWER PRO EQUIPMENT
p.o. box 567, route 322
milroy, pa
717-667-6504

DEUTZ ALLIS OMC

JOHN DEERE *Nothing runs like a Deere*

TRACTORS

JD 3020 Diesel WF.	$6,850
JD 2940 MFWD w/Cab.	$23,900
JD 4230 w/Cab & Air, Excellent	$13,900
JD 4440 w/Cab, Air & PS	$22,900
IHC 1086 w/Cab	$14,500
IHC 886 Cab, Heat & Air 1110 hrs.	$14,900
Farmall Super C w/fast hitch	$1,850
Farmall 400 Diesel w/fast hitch & New Engine	$3,500

Mechanic Special
Oliver 1650 Diesel w/Loader
$2,850

Oliver 1750	Coming In
New JD 1650 Mechanical FWD Rental Tractor	Call for Price

COMBINES

IHC 82 Pull Type.	Special $1,750
Gleaner K w/12' Platform	$7,450
NI 729A Sheller Unit w/4 Row Narrow Corn Head.	$5,000
JD 6600 Side Hill 1400 hrs, 1977 model Excellent	$24,900
JD 105 Gas w/Cab Q-Tach Feeder House	Coming In
JD 30 Combine, pull type.	$700
AC Gleaner M-2 w/1400 hrs., 6 row corn head & 15 ft. Flex, Excellent	$28,900
NI 2 Row Narrow Super Sheller, Like New	$6985
JD 45 Combine w/Cab & 12 ft. Platform	$3,950
JD 243 Corn Head	$2,650
JD 244 Corn Head	$1,995
JD 343 Corn Head w/Harvester Mount	$3,950
IHC 844 Corn Head, 4R Wide, Like New	$3,800

Many Grain Platforms to Match Combines in Stock

MISCELLANEOUS

JD 3 Row Wide Forage Head Like New	$3,950
Gehl 1200 Forage Harvester w/2RN & 7' Pickup, like new.	$8,950
JD 225, 12' Offset Disk, new	$4,500
Bobcat 731 Skid Steer Loader, Dsl., excellent	$6,950
Tandem Tank Spreader, Excellent	Coming In
JD 5460 Harvester w/Rotary Screen and 4WD	Coming In
JD 3 Row Narrow Corn Head	Coming In
JD 5200 Harvester w/4WD.	Coming In
JD 350 3PT Mower 7 ft.	$1,385
Hesston 320 Self Propelled Windrower	$3,950

Mechanic Special
Gehl 2500 Skid Loader $2,000

Gehl 350 Tandem Spreader $2,000

WINELAND EQUIP. INC.
JOHN DEERE
RD2 Rte 164 East
Martinsburg, PA 16662
Phone 814-793-2109

USED EQUIPMENT

IH 715 Combine w/282 Dsl engine, nice $5,250
810 13 Grain Table for Above $1,250

COMING IN...
(2) 4430s Cab & Air & 2440 w/240 Loader

JD 4020 Dsl under 3000 hrs actual
1981 1460 SOLD low combine w/57(
MF 510 Dsl Hydro w/880 hrs
IH 915 C SOLD w/2 Heads, Low P
IH 986 Tractor w/Cab & Air
IH 856 Dsl No Cab w/38' Rubber

RAYMOND B. LEAMAN
Willow Street RD 1
Ph: Lancaster 717-464-2778
Midway between Lancaster & Quarryville
off Rt. 222 take Brenneman Road
at Graybill Bros. Garage, Refton.

AC 7000 Dsl. Tractor
AC 185 Tractor
AC CA Tractor w/ Cultivator
AC D17 Dsl. Tractor
AC D17 Gas Tractor
Farmall Cub w/1R Cultivator
OMC 450 Grinder Mixer
JD 40 Manure Spreader w/Upper Beater
NI 214 & 218 Single Beater Spreader w/Hyd. Endgate
NI 382 Spreader, Solid Plus
8C Hydra-Mac Skid Loader

ROY H. BUCH INC.
Ephrata
717-859-2441

USED FORD TRACTORS

Stock No.	Description	SALE
• 12751	Model 1110 HST	Call
• 14336	Model 1910 w/Loader	$13,500
• 14340	Model 7710	$18,900
• 14698	Model 1900 2WD Turf w/P.S., Mower Not Included	$6,500
• 15387	Model 4000	$5,200
• 16171	Jubilee	$3,200
• 16422	Model 8700	$12,500
• 16452	Model 7710	$24,900
• 16756	Model 4000 Ind. w/Loader	$4,900
• 16781	Model 1210	$7,000
• 16800	Model 961	$1,395
• 17009	Model 9N	$1,200
• 17220	Model 1210	$6,900

USED KUBOTA TRACTORS

• K0236	Model B 6200E	$4,985
• K2476	Model B7100 HSE w/Mid Mower	$6,500
• 11965	Model B6100E	$4,500
• 13143	Model B6100E 2WD	$4,500
• 13990	Model L-305 4WD w/Backhoe	$12,900
• 14111	Model B6100 HSE w/Mower	$6,500
• 14536	Model G-4200	$4,495
• 14542	Model B7200 DT w/Loader & Bucket	$6,500
• 14737	Model B8200DT w/Turf Tires & Top Link	$6,500
• 16535	Model B6100 HSE w/4800 Mid Mower	$6,500
• 16554	Model B6200 DT w/Turf Tires	$6,900
• 16668	Model B7100 HSE 2WD	$6,900
• 17201	Model L245DT	$5,975
• 17231	Model B7100 DT	$5,900
• 17258	Model B7200 DT w/Ag Tires	$7,900
• 17291	Model B7100 HSD w/Mower	$8,700
• 17310	Model B7200 DT w/Front Blade	$6,850
• 17357	Model G-4200 H w/RC 44" Rotary Mower	$4,900
• 17613	Model B5200 DT '84' Ag Tractor	$5,400
• 17643	Model L-260	$2,450

OTHER USED TRACTORS

• 12807	Farmall H	$795
• 15593	Farmall	$895
• 16078	Case 1390	$12,900
• 16154	IH 504	$2,850
• 16656	Farmall Super C	$1,400
• 17222	IH 109	$810
• 17338	JD 440 w/Loader	$2,950
• 17355	IH 340 Utility, Gas, Turf w/Fast Hitch	$2,975
• 17437	Case DI	$2,495
• 17645	Farmall H	$975

Just Arrived...

- Used NH 455 Skid Loader, In Excellent Shape
- JD 2940 Tractor
- Kubota B 8200 w/Loader
- Kubota M 7950 w/Cab, 400 Hrs., Extra Sharp $19,500

PARTS ★ SALES ★ SERVICE

KELLER BROS.

SINCE **TRACTOR CO.** 1921

717-949-6501

Rt. 419 Between Schaefferstown & Cornwall, Lebanon County

FOR SALE

MF 2745
MF 1085
MF 175
MF 1105
MF 1155 w/cab & air
MF 184-4, 4WD
AC field cultivator
7 tooth soil saver
7 tooth Chisel Plow
Int. 3 bottom reset plow
White 4 bottom reset plow
NH 718 Harvester
JD 400 rotary hoe

L & M BURKHOLDER
Ephrata, PA
717-859-2960
717-859-2712

Case IH

Case 1494 w/480 Hrs. "Special Price"

Case 995 Tractor & Loader
Case 2290 w/Open Cab, low hrs., A1 Shape
JD LA Antique Special
705 Power Unit Diesel, Uni-System
OMC 540 Stacker
OMC 540 N Mover
NI #324 Corn Picker w/Super Sheller
NI #324 2 Row Wide gathering unit, good shape.
Plus NI 702 Uni-Tractors, corn pickers & spreaders in stock at Good Prices.

C. & P. FULTZ EQUIPMENT
RD 1 Spring Mills, PA
(814) 422-8807,
Ask for Paul

FORRESTER FARMS

1337 Lincoln Highway East
Chambersburg, PA 17201
Phone: 717-263-0705
Sales - Parts - Service

JUST IN TIME FOR CHRISTMAS
10% OFF ALL TOYS IN STOCK
Thru 12-24-86

Large Selection of Ford, John Deere and Case IH Toys.
Also introducing Britians Toys from England. 1/32 scale models including Ford, Deutz Fahr, Fiat, Mercedes, Volvo and Massey Ferguson.
We also have digital tractor watches for men, women & children.
We are the First to introduce the Ford 8N watch. Great For Christmas Gifts!
We Will Ship Toys UPS!

Ford 8N	Ford TW15 w/cab & air
(2) Ford 2000	Ford TW20, cab & air
Ford 2000 Gas w/front blade	JD 1630
Ford 2910	(4) JD 2130
(2) Ford 3000	JD 3120
Ford 3600, 1981 w/PS	JD 3130
Ford 3910	(2) JD 4040, 2WD
Ford 4000 1966	(2) JD 4240, 2WD
Ford 4100	(2) JD 4240, 4WD, cab & air
Ford 4110	JD 4640 w/cab, 4WD
Ford 4600	Farmall H
(2) Ford 5000	IH 574 Gas
Ford 6600, 4WD	MF 285
Ford 6610	MF 1080
Ford 7000 DP	Universal 550, 4WD
(2) Ford 7700 w/cab & DP	Power King 16 h p w/front blade & log splitter
Ford 9700 cab, DP	

We also have a large inventory of tractors at our other location at 4530 Olde Scotland Rd., ¼ mile off Exit 8 on 696 North.

¼ Mile East of Exit 6 I-81 on U.S. 30
Hours: 8:30-5:00 Mon.-Fri.
8:30 - 12:00 Saturdays

New New Idea Equipment

SPECIAL

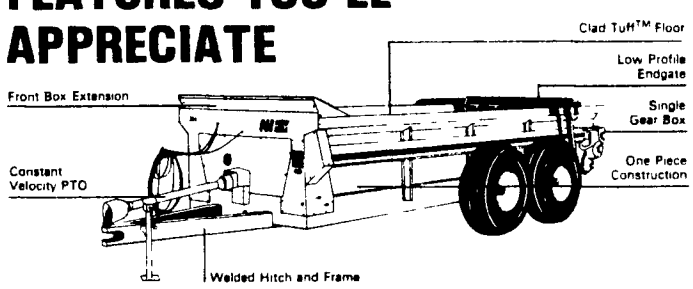
Planter, 6 row narrow, double frame, no till coulters, dry fertilizer, granular insecticides

List	$17,348
SALE	$13,800
CASH DISCOUNT	-$500
Cash Price	$13,300
Liquid Fertilizer ILO Dry	-$500
Cash Price	$12,800

Other New Idea Equipment

360 SERIES SPREADERS

FEATURES YOU'LL APPRECIATE



Model 360 150 Bu.	$3,247
Model 361 180 Bu. w/Front Ext., Hyd. Gate, Upper Beater, Used Tires	$4,527
Model 362 220 Bu. w/Front Ext., Hyd. Gate, Upper Beater, Regrooved Tires	$5,377
Model 363 320 Bu. w/Front Ext., Hyd. Gate w/2 Cyls., Upper Beater, Regrooved Tires	$7,400
Model 364 390 Bu. w/Front Ext., Hyd. Gate w/2 Cyls., Upper Beater, Regrooved Tires	$8,475

10% OFF On Spreader Prices Listed
Subject to Availability. Offer Ends 12/31/86

Eligible For 7.9% Financing Or Waiver Until 5/1/87

BIGGS INCORPORATED

34 Buckley Ave.
Rising Sun, Md.
301/658-5531

NEW IDEA NEW IDEA

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1 FARM EQUIPMENT

Engine Parts — Gaskets
Cylinder Heads
Rebuilt or Exchange
Engine Rebuilding

Spring Garden Repair
RD 1, Box 204
Kinzer, PA 17535

USED EQUIPMENT

Farmall Cub	AC 7000
Disk Harrows	Used Combines
Grain Drills	IH 1066
MF 30 Loader	IH Hydro 70
Farmall 656	

Norman Bright Inc.
45 Evergreen Road New Egypt, N.J
609-723-0300

USED TRACTORS

AC 7040, cab & air, power shift; 7030, cab & air; 6140 4WD w/loader; 6080; 6060 4WD; 5050 4WD w/loader; 5040 w/full hyd. front end loader; 190XT; 190XT w/cab; 175 diesel; 170 Gas; 160; D17; D15; G w/hydr. & cultivator; B; WD 45.
JD 3010 diesel; 2240; Used cab for JD 30 & 40 series tractors, also 5010.
IHC 544; 424 w/hydr. dump loader; 230; 140; 100; Super A, with equipment; Cub; Cub low boy w/5' Woods rotary mower; Cub low boy w/Mott Hammer knive mower; Cub w/cultivator; Farmall 460 Gas, Farmall M; Farmall H w/mower & snow plow; 674 gas, low hrs.
FORD: 7600 diesel, high clearance; 6600 w/quick tach front end loader; 4100 Diesel w/loader; 4000; 3550 w/loader; 600; and 8 N's; 2000 w/Belly lawn mower; 4000 w/front end loader.
KUBOTA: 7500 4WD demonstrator; 6000 4WD w/sickle bar mower; L 225 w/cab.
MF: 285; 265 diesel; 180; 175 diesel; 165; 65; 50 diesel; 40; Ferguson 30 w/loader; 40.

SNOW EQUIPMENT

75 Assorted snow plows; 3 pt., fast hitch, & snap coupler rear scraper blades; new tire chains - car, truck & trailer; some used tractor tire chain; new & used 3 pt. snow blowers & walk behind snow blowers; Vanmar 3 pt. snow blower.

INDUSTRIAL

TRACTOR LOADER BACKHOES - AC 715-B; JD 310-A; AC 715D; **CRAWLER LOADER** - AC 655; AC H3 Crawler w/angle blade. **TRACTORS WITH LOADER, 3 PT. HITCH & PTO** - IHC 2444, MF 40, MF 2200. **SKID STEER LOADER** - NH 455, Kubota Dsl., low hours; Gehl 4500, like new, 300 hrs.; Bobcat 610 gas, Bobcat 611 Deutz diesel. **LOG SKIDDER** - (2) JD 440 series A; **FORKLIFTS** - JD 9300 backhoe. AC 940 2 yd. articulated payloader. 1 ton paving roller. 1977 Ford F700 truck with dump body, very good. 1969 Chevy Dump Truck. 2 axle - 6 ton Tag-A-Long trailer. ARPS 3 pt. backhoe for small tractor. Mechanics Special, IHC 3414, tractor loader backhoe, low priced. IHC 560 Forklift; Case 350-B Dozer; JD 350C dozer 6 way blade & winch; 1979 Louisville Ford low wheel base tandem & Cummins diesel; IHC F2010-A tandem long wheel base, needs engine work; 8' snow blower w/self contained engine; IH T6 Crawler, very good under carriage.

MANURE EQUIPMENT

Hedlund Martin 1254 Spreader; NI Tandem Spreader; Hedlund Martin 1257 Scavenger Spreader; IHC 550 Spreader.
Spreaders: NH 329, 512, NI 12, 3 beater, NI 245, 375 bu. mtd. on Ford truck; NI 244 & 245 tandem manure spreaders w/hyd. tailgates.
Clay vacuum honey wagon; injectors available, like new.
Hedlund Martin Vanguard 2400 gal. tandem spreader.
2100 gal. liquid spreader w/knife injector.
NI Basin Pump.
New Hedlund Martin liquid manure pumps & tanks in stock for immediate delivery.
Fultz 3000 gallon liquid tanker
Better Bilt 1500 gallon liquid tanker
Better Bilt PTO liquid manure pump
Used tank type spreaders, 4 used PTO and ground drive conventional spreaders
Better Built 8' Manure Pit Pump, very good cond.
New Hawk 170 tank spreader at dealer cost, only 1 available.
Badger 3000 gal. tandem spreader w/injectors.

MISCELLANEOUS

Taylor 16 tooth trailer chisel plow; 4 NI 323 1R corn pickers, priced from $1995; 5 NI 324 & 325 2R wide or narrow row machine, with 12 row husking beds or sheller units. JD 312 w/mower; JD 2600 4-btm. spring reset plow, variable width; JD 8350 21 dbl. disc grain drill, like new, has small grain, fertilizer & grass seed compartment; Vicon 3 pt. hitch, power harrow, like new; NH 48' hay & grain elevator; New & used 3 pt. hitch snow blowers; Vermeer 30" tree spade, like new; Shaver 3 pt. post pounder; IHC 510 Grain Drill 13 double disc has grass seed & fertilizer like new, Shaver post pounder, 3 pt. hitch York rakes Servis 10 ft. 2 spindle trailer rotary mower, Bush Hog 5 & 6 ft. 3 pt. rotary mowers, Howard heavy duty 5 & 6 ft. 3 pt. roto-tillers, Small Davis backhoe for skid steer or 3 pt. mounting, IHC fast hitch carry all platform, Mott Hammer knife mower for Farmall Cub, 3 pt. hitch Mott Hammer knife mower, (3) Farmhand Corn Blurrs for high moisture corn, 20 misc. hydr. front end loaders for various models and make tractors - call for your needs, AC 100 HP D power unit with P.T.O. and clutch - choice of three. 12' Dump truck body; VanDale 14' silo unloader very good cond.; Steinhorst 400 gal. bulk milk tank; United Farm Tools- 1R corn picker, low acreage; Brillion 7 shank & Glencoe 5 shank soil savers, both like new.

NEW EQUIPMENT

Full line of Kubota tractors, loaders, mowers and tillers, low interest on all models. Deutz-Allis lawn and garden tractors. Deutz-Allis farm tractors from 40 to 110 horse power in stock. Blades, loaders, backhoes, trailers and carts; NI 360, 362, & 364 spreaders. One NI cornpicker, 2 row narrow head w/12 roll husking bed or sheller; Uebler 810-E, 808-E, 790 Feed Carts.

Now the distributor for Asplundh Wood Chippers in NE Penna. Parts, Service & Machines in Stock.

THIS WEEK'S SPECIAL

Hawkbilt 157
Tank Spreader Economy
$985

WE SHIP PARTS DAILY BY UPS.

MARSHALL MACHINERY, INC.

Rt. 652, Midway Between Indian Orchard and Beach Lake
Honesdale, R.D. #4, PA 18431
PHONE: (717) 729-7117
SALES & SERVICE
Deutz-Allis, Kubota, Hesston, New Idea, CDS Industrial formerly AC light industrial

WAIT JUST A MINUTE!

Don't Put Your New Holland Baler, Haybine or Harvester Away For The Winter Until You Read The Details About ABC Groff's

WINTER FIX SPECIAL

- From now until the end of February 1987, ABC Groff will pick up and deliver your machine, FREE OF CHARGE, up to 30 miles. (Call for special rates beyond 30 miles.)
- We will also give you a 10% discount on all parts used on your machine.

Payment is due upon delivery of your machine.

If you want to set up an appointment or have any questions - Call us today

ABC GROFF, INC.
Parts Department
(717) 354-4191
or
ABC GROFF, INC.
Service Department
(717) 354-8004

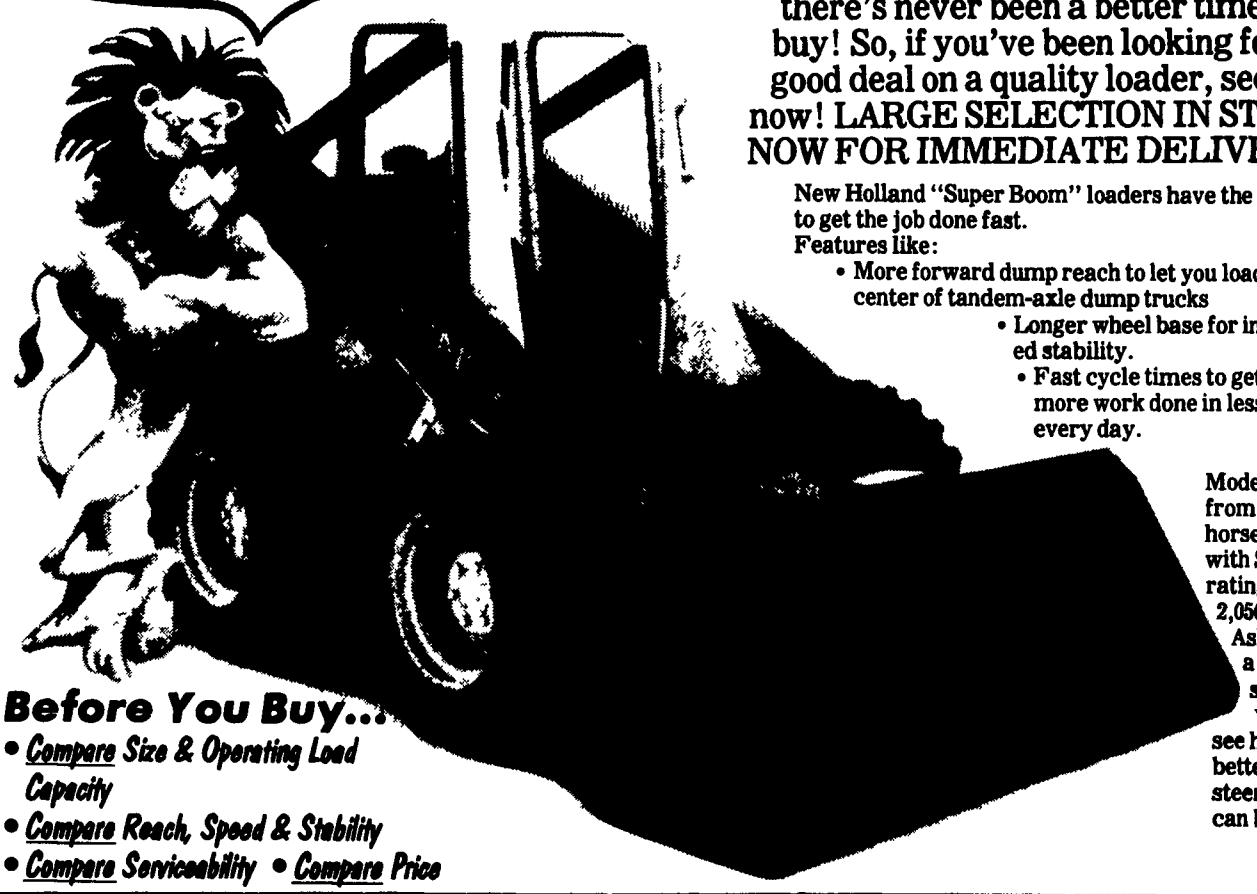
Make Your Appointment Today!

NEW HOLLAND HAS DRASTICALLY REDUCED THEIR PRICES ON LOADERS ACROSS THE BOARD - Up To $2,400

NOW!
The cost of owning The King of the Loaders just went down

There has never been a better loader for tackling tough jobs that call for reach, muscle and speed. And, with additional CASH DISCOUNTS Up To $1,300

Or LOW A.P.R. FINANCING rate, there's never been a better time to buy! So, if you've been looking for a good deal on a quality loader, see us now! LARGE SELECTION IN STOCK NOW FOR IMMEDIATE DELIVERY.



New Holland "Super Boom" loaders have the features to get the job done fast.
Features like:
- More forward dump reach to let you load the center of tandem-axle dump trucks
- Longer wheel base for increased stability.
- Fast cycle times to get more work done in less time every day.

Models range from 28.5 to 75 horsepower with SAE load ratings up to 2,050 pounds. Ask us for a demonstration. You'll see how much better a skid-steer loader can be.

Before You Buy...
- *Compare Size & Operating Load Capacity*
- *Compare Reach, Speed & Stability*
- *Compare Serviceability* • *Compare Price*

Rated First In Durability And Uniform Mixing

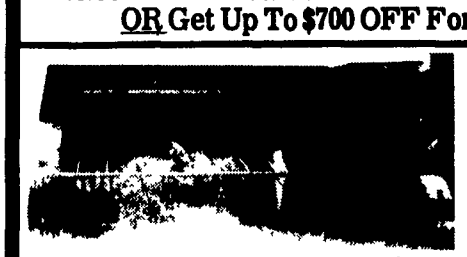
- **MODEL 353** 80 Bushel
- **MODEL 355** 100 Bushel
- **MODEL 358** 125 Bushel

In a recent survey, grinder-mixer owners were asked to list the important factors they looked for when buying a grinder-mixer. "Durability" was the most important feature with "uniform mixing" a very close second. These same owners then rated the various brands of grinder-mixers against these factors. Guess what?

First in both!

New Holland was rated first in both categories. That won't surprise you after a quick inspection. You'll see tough, rugged construction — the type of construction that leads to years of dependable service. Inside you'll find a rugged hammermill and mixing auger for the kind of uniform mixing you'd expect from the industry leader.

NOW THE BEST PRICES EVER!
Choose From Waiver of Finance Until March 1, 1987
OR Get Up To $700 OFF For Paying Cash!



Thinking Square Baler? Why Not Buy The Best?

NH 316 BALER

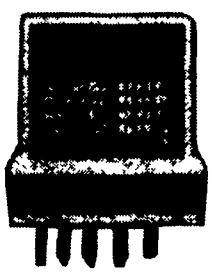
A Top Performer For Capacity & Bale Shape

Flow-Action' feeding systems provide high capacity and excellent bale shape Feeder tines are mounted on a sturdy finger bar and engage the hay gently These tines measure the right amount of hay and move it to the bale chamber Reliable knotters go thousands of bales without a miss They feature hard surfacing at important wear points and are easy to service and maintain

WE ARE OFFERING OUR MOST POPULAR SIZE, THE 316, AT A REDUCED PRICE
UP TO 25% OFF RETAIL PRICE
Plus
UP TO $1,600 DIVIDEND FOR CASH

One Only

NEW...WEIGH COMMAND ELECTRONIC SCALES!



Enjoy The Benefits Of An Electronic Scale With A Memory

1. Ability to memorize and recall up to ten different rations using up to eight ingredients.
2. Enables unloading of up to twenty pre-programmed ration weights.
3. Built-in self-diagnostic system pinpoints system problems, keeping downtime to a minimum.
4. Memory is protected from loss with a back-up battery with a typical life span of ten years.

GET UP TO $600 OFF The Price Of A New Weight Command Electronic Scale Attachment w/Purchase Of A Grinder Mixer

LOOK
NEW PROGRAM!
NEW LOWER PRICE!
NH 855 ROUND BALER

When It Comes To All Out Baling Capacity And Convenience, No Other Round Balers Come Close.

If you want to make a lot of good-looking bales in record time, choose a round baler from New Holland...the industry leader.

Also check out the host of automated features that make the baling job faster, more productive and convenient. The 855 makes dense, picture perfect 5½x5½ ft. bales and offers more capacity than all comparable round balers.

Own The First Choice Of Custom Operators

MODEL 855 ROUND BALERS Loaded w/Extras

One Only

List Price	$17,230
SALE PRICE	$13,025
CASH DISCOUNT	-2,000
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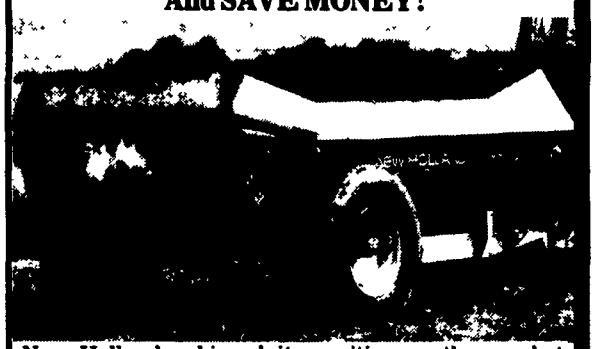

New Holland achieved its position as the market leader in manure spreaders by providing quality products... spreaders that deliver trouble-free service for years. They can be equipped with the widest selection of options and attachments in the industry. And they are backed by a warranty you can't ignore: Bonded Protection.

N.H. TOP PERFORMANCE SPREADERS

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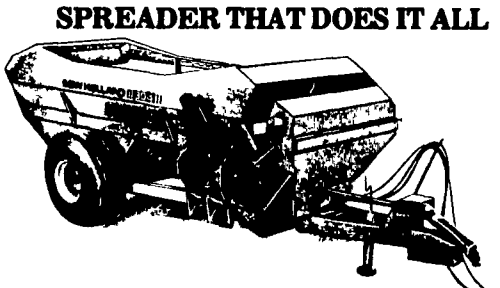

The new Model 304 side-delivery spreader from New Holland holds 1,225 gallons of slurry or 164 cu. ft. of pen manure with the optional "fishbowl" side extensions (shown). Or, if you want to back under low barn cleaners, you might like the optional low-side extensions. Either way, you get clean hauling and fast, efficient unloading. And the "304" is built for years of reliable service.

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JD 2840 Tractor
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JD 1020 Tractor
JD 650 Tractor
IHC 856 Tractor
Case 770 Tractor
JD 24T Baler w/30 Ejector
NI 708 Power Unit
JD 7000 4R Conv. Planter w/Liq. Fert.
JD 7000 4R Conv. Planter w/Dry Fert.
JD 7000, 4R Planter w/Dry Fert.
JD 7700 Combine
JD 7700 Combine w/640 C.H. & Platform
JD 6600 Side Hill Combine w/444 Corn Head
JD 3800 Chopper
JD 38 Chopper
JD 34 Chopper
Bush Hog 160 Rotary Mower
NI #323 1 R Corn Picker
JD 510 Round Baler
JD 27 Shredder
JD 640 Rake
JD 660 Rake
JD 1217 Mower Conditioner
JD 1219 Mower Conditioner
JD 33 Manure Spreader
JD 400 Grinder Mixer
JD 660 Rake
JD 1450 5 btm. Plow
JD 1450 4 btm. Plow
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Taylorway 16' folding wing disk . . $1,900
NH 680 spreader, 2 beater, end gate, 8 mos. old $4,400
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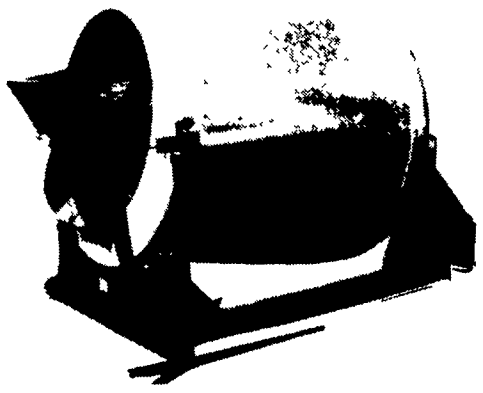

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1977 MF 760 Hydro V8 . . . . . $24,000
1977 MF 760 Hydro V8 . . . . . $18,000
1976 MF 760 Hydro V8 . . . . . $15,000
1976 MF 750 Hydro 4 Wheel Drive $19,000
1976 MF 760 Hydro V8 . . . . . $18,000
1975 MF 750 Gear Drive $15,000
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1972 MF 510 Diesel . . . $ 6,500
1972 MF 300 Gas . . . . . $ 5,500
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1966 MF 410 Gas . . . . . $ 2,000
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MF 66 Spring Trip 3-16 Plow. . . . . $ 450
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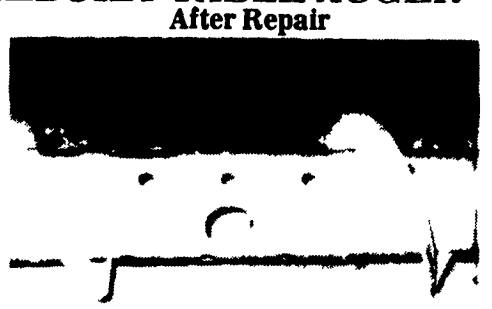
Before Repair

After Repair



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8' Pit Pump	$4,660.00	$4,110.00
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12' Pit Pump	$4,935.00	$3,290.00
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Lagoon Pump	$6,475.00	$4,290.00
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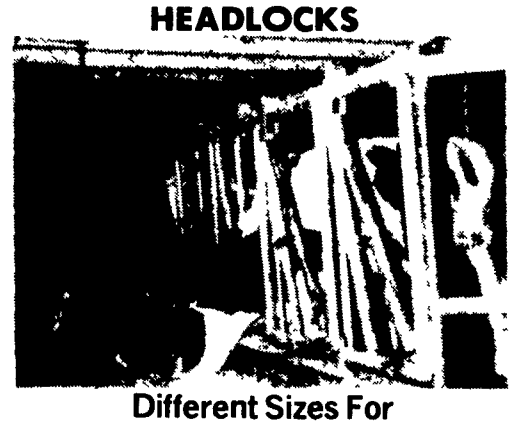

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- NH 311 Balers
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- 1982 JD 4[SOLD]0 Cab & Air, Quad, 7[SOLD] hrs., excellent
- 1976 JD [SOLD]30 Cab, Air, Quad
- 1977 JD 4230 Cab & Air, Quad Shift, very nice
- JD 4430 Dsl., Power Shift, 4 Post Roll Guard
- JD 4620 w/Yr. Round Cab, 28x38 Rubber, very nice
- JD 4320 Dsl. Cab & Air
- 1982 JD 4240, Cab, Air, Quad, 1600 hrs.
- JD 4230 Dsl., Cab, Air, Quad, 1500 hrs.
- 1977 JD 4030 Dsl. Cab, Air Quad, very good
- JD 4020 Dsl., Side Console, WF
- 1968 JD 4020 Dsl., Cab, Dual Hydraulic
- 1972 JD 3020 Dsl., Side Console
- JD 3020 Gas, Side Console, low hrs., very nice
- JD 2940 Dsl., 1800 hrs., very good
- JD 2510 Gas, WF, very good
- JD 2940 Dsl., 700 hrs. w/148 loader, excellent
- JD 2510 Gas 1600 original hrs.
- 1981 JD 2240 Dsl., Ind. PTO
- JD 2440 Dsl., Independent PTO, Dual Hydraulic, very nice
- JD 1520 Gas, Hi-Low, Ind. PTO, 38" Rubber
- 1980 IH 886, Cab & Air, low hrs.
- IH 1466 Dsl. w/Cab, Dual PTO and Hydraulic, extra clean
- IH 966 Dsl. Fender Tractor, 1400 hrs., 18x38 Rubber, excellent
- IH 766 Dsl. w/Roll Guard, very nice
- IH 856 Dsl. w/Cab, extra nice
- MF 1155 Dsl., Cab & Air
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HAY EQUIPMENT

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- JD 327 Baler w/#30 Ejector
- JD 24T Baler w/Thrower, good condition
- JD 337 w/30 Ejector
- JD 410 Round Baler, very nice
- NH 467 Haybine
- NH 852 Round Baler, Auto Wrap, excellent
- NH 850 Round Baler
- NH 315 Baler w/Thrower
- JD 640 Hay Rake
- NH 56 Hay Rake
- NH 1002 Bale Wagon
- NH 1012 Bale Wagon, Single Bale Unload
- JD 3800 Harvester w/2R Head, very good

CORN HEADS

- JD 244, 2RW
- JD 443, 4RN
- JD 443, 4RN LP
- JD 444, 4RW
- JD 643, 6R 30
- AC 438, 4RW
- AC 430, 4RN
- AC Black 430
- IH 943, 4RN
- IH 843, 4RN
- IH 844, 4RW
- MF 43, 4RN
- MF 1163, 6RN

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- JD 4020 Diesel, Side Console, Wide Front. . . $6,950
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- IH 1066 Dsl., Red Cab & Air, New TA, 3200 hrs.
- JD 400 Grinder Mixer, 540 PTO
- 1980 IH 1460 Cab & Air, Hydro, 28Lx26 Tires, very nice, Choice of Heads
- JD 343, 3RN Corn Head

CORN PICKERS

- NI 325, 2RN w/Super Sheller
- NI 325, 2RN w/12 Roll Bed, like new
- NI 324, 2RW 8 Roll Husking Bed
- NI 323, 1R

TILLAGE

- JD 1100 Field Cutlivator, Hydraulic Fold, 20'
- Brady 17' 3 pt. Hydraulic Fold Field Cultivator
- JD 1710A 11 Tooth Conser-till
- JD 950, 12' Roller Harrow, like new
- IH 9 Tooth High Clearance 3 pt. Chisel Plow
- IH 700, 4x18 Spring Reset Plow
- IH 720, 4x18 Spring Reset Plow
- IH 720, 5 Base Spring Reset
- IH 710, 6x18 Spring Reset On Land Plow
- IH 710, 4 & 5 Base Spring Reset 16 & 18"
- JD 4 & 5 Base Semi Mounted
- JD 3 Base 3 pt.
- JD BWA 12'
- JD BWF 20' Wing Fold Rock Flex [SOLD]isk
- JD 12' BWF Disk
- JD AW 11' Disk

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- JD 8200 Grain Drill, new w/Grass Seed 18 Single Disk Openers
- JD 8250 Grain Drill, Fert., Grass Seed, 21 Single Disk Openers
- JD FBB 17x7 single disk Grain Drill, Grass & Fert.
- JD 5½' Hay Pickup, like new
- JD 148 Loader for 2840 & 2940 Tractors
- Bush Hog Loader, Quick Tach, like new
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- Brillion 10' Pack[SOLD]eder, Hyd. Transport, 2 boxes, like new
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- Cabs to fit JD 3010-4320 Tractors
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- JD RG & RM 4&6R Cultivator
- Woods 214 Rotary Mower

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- NH 3[SOLD]2,250
- NH 353, $2,950
- NH 354, $2,250
- NH 35[SOLD]2,950

LOADERS

- JD 2640 Dsl., 1400 hrs. w/148 Loader
- JD 2640 Dsl., 1600 hrs., Direction Reverser w/146 Loader
- JD 2630 Dsl., 2200 hrs., w/146 Loader and Direction Reverser
- JD 2240 Dsl., 1500 hrs., Hi/Low, [SOLD]ependent PTO, 145 Loader
- Gehl 2600 Skid Loader, 1100 hrs.
- NH L445 Skid Loader w/Deutz Dsl Engine
- Bobcat 610 Skid Loader w/Enclosure

CORN PLANTERS

- JD 7000, 4RW, Dry Fert., Insect., Planted 50 acres
- JD 7000, 4RN, Dry Fert.

SPECIAL
MF 300 Combine 2R Corn Head & 12' Grain Table
1 Owner, very nice $3,650

COMBINES

- 1981 IH 1440 Dsl. Cab, Air, Hydro, excellent
- 1979 JD 4400 Dsl. Cab, Air, 900 Hrs., excellent
- 1980 Gleaner F2 Dsl. Cab, Air, Grain Saver, 450 hrs., 13' Grain Table, excellent
- 1976 JD 4[SOLD] Dsl., Cab, Air, very nice
- 1976 Gleaner FKS Dsl., Cab & Air, [SOLD]y nice
- JD 3300 Gas, Rotary Screen, Choice of Heads, very nice
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- MF 13' Grain Platform
- IH 820 13' Flex Head
- Gleaner 15' Flex head to fit F & F2 Combines

Good Selection of Grain Tables
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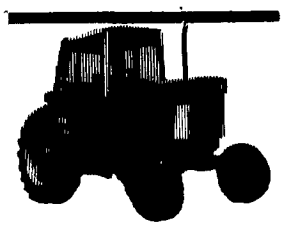

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485
385 w/2200 Loader

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530 Spreader
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2200 Loader

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Woods 5' Rotary Mowers

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Farmall H
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IH F300	$1,800
IH 184 Mower & Tiller	$5,000
IH 674D	$9,250
IH 100 Fast Hitch, Plow & Cultivator	$2,400
IH Cub w/Cultivator	$1,750
IH 464 G	$5,250
Farmall 460	$2,250
Yanmar 187 w/RM500 Mower	$7,500

TILLAGE

AC 4 Row NoTill Planter	$2,250
IH 56 Planter	$1,250
JD Pull Plow	$250
IH 55 Chisel 13 Ft.	$2,400
8 Ft. Cultipacker	$300
Lely Turf Shaper	$3,500
Used Balers	$975 - $2,750
Used Mower-Conditioners	$1,800-$5,100
Used Kuhn Tedder, 13 Ft.	$975
Used Grimm Tedder	$1,250
IH 540 Spreader	$1,200
NH 320 Baler & Kicker	$8,250
IH 550 Spreader	$1,000
NH 519 Spreader	$1,000
NH 27 Blower	$975
AC Blower	$500
NI 319 Picker To Fit 656	$900
IH 800 Cyclo Planter, 4 Row	$8,500
Speedco 3 Pt. Splitter	$450
10 Ft. Brillion Culti-Packer	$475

BIGGS INCORPORATED
case 34 Buckley Ave. Rising Sun, Md. case
301/658-5531

USED EQUIPMENT
*** 8.8% Financing or Waiver of Interest**
Tractors 6/1/87 — Combines 11/1/87

TRACTORS

4534 IH 986
4646 IH 560
4722 IH 4568
6490 AC 7000
6482 IH 1586
4783 IH 886
4558 Farmall H
6541 Case 630
6536 IH 5488

COMBINES

*6443 AC L2
*3058 JD 7700 w/Chopper
*6512 AC A
*3784 IH 1440
*3882 IH 915
*3983 IH 915

TILLAGE

6403 JD 210 Disc 13'
4524 Ford 142 Plow 5x16
6103 Sunflower HB Chisel Plow 27'
3841 IH 540 Plow
3799 IH 370 Disc 13'
6491 IH 14 Subsoiler
4659 Krause 4133 Field Cultivator
6325 Krause 1924 Disc 20'
4099 Krause 1966 Disc 31'
5054 Krause 2143 Disc 42'
5457 Krause 2413 Disc 23'
4667 JD 12 Shank Chisel Plow
5561 JD 210 Disc 13'
6545 IH 140 Rollover Plow 4x16
5419 JD 22 Shank Chisel Plow
5534 Glencoe Soil Finisher 20'
4773 Glencoe 12 ft. Soil Finisher
3301 Wilrich Field Cultimulcher, 37'
4092 Miller 20' Offset Disc
4587 Brillion 16' Field Cultivator
6494 Brillion 21' Crowfoot Packer

MISCELLANEOUS

6547 JD 151 Shredder
4537 JD 400 Gal Sprayer
6531 IH 1190 Mower Conditioner 9'
6334 Gehl 1500 Round Baler
4031 NI 212 Manure Spreader
6516 IH 40 Shredder
5487 NH 280 Baler
3561 NH 495 Haybine
3837 NI 245 Manure Spreader
3900 John Blue 1000 Gal. Sprayer
4613 IH 60 Shredder
4887 Rhino Flex 15 Mower
6304 Lilliston 7-6 Mower
4965 Lilliston 7-6 Mower

GOOD SELECTION OF CORNHEADS AND PLATFORMS

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HOOBER EQUIPMENT INC.
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NEW HOLLAND
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Sat 7 30 A M -4 00 P M

BRANCH
Lobachsville, Oley PA
(215)987-6221 or 987-6257
Mon -Fri 7 30 A M -5 00 P M
Sat 7 30 A M -12 30 P M

SPECIAL YEAR END SALE
UNTIL DECEMBER 31, 1986
TRACTORS, COMBINES, IMPLEMENTS
Many units cut below auction prices
"Don't stand out in the cold. Come into our warm shop and name your terms!"

TRACTORS

JD 4020 D w/WFE
JD 4010 D w/WFE
JD 3010 D
JD 3010 repainted
JD 720
JD 60
Farmall 460 D
Farmall 400 G & D
Farmall C
Ferguson 50 w/loader
Oliver 1855 D, new rubber
Oliver 1550
Oliver 500 D
AC 7080 D w/cab, air/heat, excell!
AC 7060 D PS w/cab, air/heat, only 1400 hrs.!
AC 7050 D w/cab, air/heat
AC 7030 D w/cab, air/heat
AC 7000 D w/cab, air/heat
AC 6060 D
AC 6140 D w/front end loader
AC 190 D, excellent!
AC 185 D, excellent!
AC 180 D
(2) AC D19 D
AC D19
AC D17 D
AC WD w/loader
AC WC
AC CA

MANURE SPREADERS

NH 676 w/hyd endgate, 320 BU
NH 675 w/endgate, 300 BU
NH 518, 220 BU.
NI 214, Liq. pan, 210 BU A-1!
NI 218, w/hyd Endgate, Tandem, 300 bu.
(3) NI 213, 177 BU
IH 550 w/endgate, 200 BU.

COMBINES

JD 3300 Cab w/Air & Heat, 10' Grain Head, 238 Corn Head, excellent
JD 45 w/both heads
AC Gleaner N5 D w/cab, 15' grain & 630 corn heads.
1978 AC Gleaner M2 D w/cab, air, 13' grain & 430 corn heads.
AC Gleaner M D w/hydro, 13' grain & 438 corn heads.
(1977) AC Gleaner F2 D w/13' grain & 438 corn heads.
AC Gleaner E w/cab, 10' grain & 238 corn heads.
AC Gleaner F w/cab & both heads.
AC Gleaner CII w/4-row corn head.
IH 315 w/cab, grain & corn heads.
MF 750 D w/cab, air/heat, & 630 corn head.
NH 975 Gas w/cab & both heads
NH 890 R2 Snapper corn head
NI Uni-System 701 w/710 power unit, 10' grain & 2-row wide corn heads
NI Uni-System 702 w/717 combine, 4-row corn head
NI 702 Power Unit w/727 Husking Bed & 724, 3RW Corn Head, excellent
NI 323, 1R Picker, like new
NI 323, 1R Picker
JD 346 Baler Wire Tie, w/Kicker & Excellent

TILLAGE

Oliver 6B Plow, semi-mount
Ford 3B Plow, 3 pt.
Brillion 961 8' Seeder, pull type
Kewanee 10' Cultimulcher
IH 11 Shank 3 pt. Field Cultivator
JD 16' Cultimulcher
Leinbach 6' Disc, 3 pt.
IH 9' Disc, pull type
JD 1000 12' Disc w/Trans Harrow
JD 9' Transport Disc
JD 17 Disc Grain Drill

MISC.

Behlen Grain Dryer w/engine
MF 246 Loader w/80" Bucket
Uebler 810 Silage Cart, 35 BU., only 2 yrs.
Weaverline 224 Silage Cart, 30 BU., w/automatic charger, rebuilt!

CHOPPERS

NH 880 w/2-row corn & pick up heads
NH 770 w/2-row corn & pick up heads
(2) NH 717 w/2-row corn & pick up heads
AC 720 w/2-row corn & pick up heads
IH w/2-row corn & pick up heads
JD 35 w/2-row corn & pick up heads
NH 27 Blower
AC 63 Blower
Fox Brady 1440 Shredder

*** * * "WE SERVICE WHAT WE SELL WITH QUALITY PARTS!" * * ***

case

A Fresh Team For Today's Farmer!

NEW TRACTORS

IH 244 AWD
Case-IH 385, 35 hp
Case-IH 885, 72 hp
Case-IH 2294 MFD w/cab
Case-IH 2096 w/ROPS
Case 1835 B, D, uni-loader

NEW TILLAGE EQUIPMENT

Case-IH 4500 VS Cultivator, 12'
Case-IH 475 12' Disc Harrow
Case-IH 496, 19' Flex Disk
IH 5507 3 pt. Chisel Plow
IH 5509 3 pt Chisel Plow
IH 6511 Con-ser Til

NEW PLANTING & SEEDING EQUIPMENT

IH 800 6R Air Planter
IH 800 4R Air Planter
IH 800 4R Plate Planter
Case-IH 5100 16x7 Comb Drill
Case-IH 5100 18x7 Plain Drill
Case-IH 5100 20x6 Plain Drill

NEW MATERIAL HANDLING

IH 560 Spreader
IH 2250 Loader
IH 2200 Loader
Case-IH 2255 Loader

NEW HAY & FORAGE EQUIPMENT

IH 86 Hay Rake, hyd
IH 1190 Mower Cond 9'

USED TRACTORS & EQUIPMENT

IH 1086 w/Cab	$17,500	Oliver 13x7 SD Drill	$450
AC 1-600 Tractor w/loader	$5250	IH 540 Spreader w/beater	$1350
MH 44 Tractor	$750	NI 7' Mower	$250
JD 60 Tractor	$850	IH 990 Mower Cond. 9'	$1500
IH F-Cub w/blade & mwr	$2350	IH 1190 Mower Cond. 9' (exc.)	$6150
IH 843 4R Narr. Cornhd	$3850	Pitts. 12' disc harrow	$1450
IH 46 Baler w/Thro	$1250	IH 531 3F 14" 3 pt. Plow	$475
IH 830 Forage Harv. w/hds	$5350	IH 412 4F 14" semi-mt. plow	$350
IH 720 Forage Harv. w/hds	$4350	IH 540 4F 16" Plow	$950
NH 479 Haybine	$2950	IH 550 5F 14" plow	$750
IH 10 Flail Chopper	$1250	IH 535 3F 16" Plow	$750
IH 56 Forage Blower, as is	$300	IH 710 5F 16" Plow w/Cyl.	$2250
AC Forage Blower	$350	Ont. 13x7 SD drill	$650
IH MF SD Drill	$350	IH 56 4R Planter	$950
Arts-Way 425 Grinder Mixer	$2250		

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235 Disk Harrow, 18'6", center fold, dura cush.
215 Disk Harrow, 12'10", dura cush.
215 Disk Harrow, 12'10", w/cushion gang att.
115 Disk Harrow, 11'5"
1000 Plow, 3-pt 2B14"
2800 Plow, Semi-mtd., 5B18" spring reset
970 Roller Harrow, 12'
940 "S" Tine Field Cult., 13' drawn
1010 Field Cult., 12½' integral
1010 Field Cult , 18½' drawn, horiz. fold

NEW MANURE HANDLING EQUIPMENT SPECIALS

JD 95 Rear Mtd. Blade, 9'
JD 115 Rear Mtd. Blade, 9'
JD Hyd. Loaders, 148, 245, 260
JD 465 Flail Spreader, R.H. Delivery
JD 450 Hyd. Push Spreader w/endgate
NI 351 Spreader w/sngl. btr. & hyd. endgate

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New John Deere Row Crop- Sept 1, 1987
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Used Row Crop- Jan 1, 1987
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Corn Combines Sept 1, 1987

WAIVER ON NEW JOHN DEERE AND USED CORN PLANTERS
To April 1, 1987

Waiver on Hay Equipment
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Used May 1, 1987

Waiver on Forage Equipment
New John Deere Sept. 1, 1987
Used March 1, 1987

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CORN PLANTERS

	Tag #	Sale Price
JD 7000 6R Cons , dry f , insect, mon	#3476	$8995
JD 7000 6R Cons , liq f , insect, mon	#3386	$8995
JD 7000 6R Cons , liq f , insect, mon	#3429	$7995
JD 7000 6R Reg , dry f insect	#3199	$6595
JD 7000 6R Reg , liq f , insect, mon	#3433	$5995
JD 7000 4R Cons , dry f , insect, mon	#3400	$8500
JD 1240 4R, dry f , insect	#3251	$1895
JD 1240 4R, dry f insect	#2355	$1595
JD 1240 4R, dry f insect	#2849	$1195
JD 1240 4R, dry f insect	#2543	$ 895
JD 494, 4R, dry f	#2720	$ 300
JD 494, 4R, dry f	#3619	$ 200
IHC 56, 4R	#3570	$ 200

USED CORN PICKERS

	Tag #	Sale Price
NI 324 2RW/329 Sheller	#2430	$3,995
NI 324 2RW w/8 roll Husk	#3823	$3,450

USED HAY EQUIPMENT

	Tag #	Sale Price
JD 346 Baler, 30 Ejector	#3100	$3,950
JD 346 Baler 30 Ejector	#3719	$5,295
JD 530 Round Baler	#3825	$8,150
JD 346 Baler, 30 Ejector	#3677	$5,295
JD 336 Baler, Wgn Hitch	#3684	$2,795
JD 336 Baler, 30 Ejector	#3244	$4,995
NH 270 Cut/Ditioner	#2965	$1,595
JD 12 14 Mower Cond	#1507	$ 995

USED COMBINES

	Tag #	Sale Price
JD 6620 SH Cab A H Stw	#3315	
Spdr w/215 Flex Plat	#3317	
w/643 SH Corn Head	#3319	$59,000
JD 4420 Cab A/H Stw Spdr	#2304	
w/213 Flex Plat	#2310	$25,000
JD 7700, Cab A/H, AHHC	#2721	$15,500
JD 6600, SH, Cab A/H	#3753	
643 SH Corn Head	#3754	$23,000
JD 6600, SH, Cab, A/H	#2918	
w/215 Flex Plat w/643	#2923	
SH Corn Head	#2925	$27,900
JD 6600, Cab A/H, AHHC	#3166	
w/213 Flex Plat	#3193	$21,900
JD 213 Flex Platform	#3828	$4,450
MF 300 Cab A ,	#2862	
w/13 ft Platform	#2883	
w/3R30" Corn Head	#3058	$6,500
NI 702D Uni, Cab	#1343	
w/710 Combine 13 Plat		$4,500
AC Gleaner 'F' w/13 Plat		
w/430 Corn Head	#3686	$13,950

USED FORAGE HARVESTERS & EQUIPMENT

	Tag #	Sale Price
JD 5200 SP Cab	#2855	
w/3R 30' RC	#2861	$14,500
JD 5440 SP Cab Power Whl Dr	#3771	
w/3R 30 RC	#3774	$39,950
JD 5400 SP Cab Power wh dr	#2840	$29,500
JD 38 PT w/5½' Hay P Up	#3288	$1,995
JD 3R 30" Row Crop	#3147	$1,995
JD 3R 30" Row Crop	#2312	$1,795
JD 3R 38" Row Crop	#3108	$995
JD 3R 38" Row Crop (SP)	#1431	$1,095
NH 890 PT Harvester w/3RN RC & 6 Ft Hay PU	#3819	$4,295
JD 716 Hi Side 3B Roof Reconditioned	#3755	$5,995
JD 716 Hi Side 3B Roof Reconditioned	#3756	$5,995
JD 216 Wagon Hi Side 3rd B Roof 1065 Gear	#3769	$2,350
Grove Wagon 2 Btr	#3796	$1,495
Badger Forage Wagon w/Roof Reconditioned	#3815	$5,500
Badger Forage Wagon w/Roof Reconditioned	#3816	$5,500
Badger Forage Wagon w/Roof Reconditioned	#3817	$5,500

USED MANURE HANDLING EQUIP.

	Tag #	Sale Price
NH 367 Tank Spreader	#2512	$1,495
IHC 575 w/Hyd End Gate	#3830	$3,950

YEAR END - USED EQUIPMENT SALE
DURING DECEMBER
REDUCED SALE PRICES AS SHOWN

LAWN/GARDEN
A Good Selection Of Used JD & Foreign Makes Lawn/Garden Tractors, Mowers & Snow Removal Equipment.
PRICED TO SELL

MOLDBOARD PLOWS

	Tag #	Sale Price
JD F845 3-16", 2 way	#3650	$1195
JD F125 4-16", 3 pt	#3777	$ 850
JD 2B, 3 pt	#3704	$ 195
White 348, 3 18" sp reset	#3657	$2195

CHISEL PLOWS

	Tag #	Sale Price
IHC 3 pt 9 cush stds	#3445	$1095
IHC 3 pt , 7 rigid stds	#3209	$ 895

DISK HARROWS

	Tag #	Sale Price
JD 315 12'-10"	#3506	$5500
JD 3000 series 14'	#2563	$1995
JD 310 14'-3"	#2602	$2995
Athens 131 tandem, 28 bl	#3299	$1595

GRAIN DRILLS

	Tag #	Sale Price
JD 8300 18x7, sdo, gsa	#2799	$2495
JD 8200 21x7, ddo, gsa	#3362	$3750
JD FB157B, sdo, gsa	#3787	$ 695
JD FB 13x7, sdo, gsa	#2683	$ 695

MISCELLANEOUS

	Tag #	Sale Price
JD 300 30 Ft Elevator	#3888	$1195
JD RG40 3-pt cultivator	#3698	$1195
JD 307 3 pt rotary cutter	#3531	$ 295
JD P107 3-pt rotary cutter	#2372	$ 250
Friend 3 pt Sprayer 18'	#2813	$ 695
Walsh trailer sprayer	#3554	$ 495
JD 78 3-pt rear blade 7	#3811	$ 450
JD 27 Flail Shredder, 4 whls	#2028	$2995
JD Hood for 125 chuck wagon	#3167	$ 85
Pr 18 4 34 8P GY tires		$ 175
Second R C valve for JD 3020 dash mtd		$ 390

COMPACT UTILITY TRACTORS & EQUIP.

	Tag #	Sale Price
JD 950 2WD w/423 fr blade 7'	#3871	$7500
JD 755 4WD, turf tires	#3836	$8295
JD 365 front blade (fits 650)	#2187	$ 895
IHC Cub Low Boy 154 w/mid mower	#3204	$2500
York RS 5' rake w/casters	#3849	$ 595
IMCO 5' rotary cutter, 3-pt	#3571	$ 425

USED FARM TRACTORS

	Tag #	Sale Price
JD 4050 Q R SGB	#3622	$27,500
JD 3010 Dsl S/R ROM	#2997	$ 5,500
JD 2510 Gas, S/R ROM	#2257	$ 4,350
JD 2030 HU Dsl	#3262	$ 9,550
JD 40T w/Cult	#3457	$ 1,595
IHC 706 Dsl	#3451	$ 6,500
JD 4240 Q/R, SGB	#3705	$16,500
JD 4630 S/R	#3712	$9,950
JD 4430 QR SGB	#3759	$18,500
JD 4030 S/R Dual RC	#3748	$12,500
JD 4000 Dsl P/S	#3790	$ 8,995
JD 3020 Gas S/R	#3267	$5,000
JD 3020 Gas S/R WFE w/Allied Hyd Loader	#3654 #3655	$7,995
JD 3020 Dsl S/R, WFE	#3765	$6,500
JD 3020 Gas, S/R	#3709	$5,995
JD 2020 RU Gas, w/47 Hyd Loader	#3695 #3696	$6,995
JDA w/2 Row Cult	#3752	$1,195
JD B w/2 Row Cult	#3716	$1,195
Oliver 1650 Gas	$2595	$ 4,500
White 2 105 Dsl, WFE	#2313	$6,995
Ford 600 w/3 pt	#2464	$2,500
Farmall Super A w/Cult	#3431	$2,450
AC 8050 MFWD Cab P/S	#3789	$27,500
IHC 706 Dsl	#3451	$6,500
Deutz 6006 Dsl	#3863	$ 3,750

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45-66 45 hp 2 WD, ROPS, canopy, 1 remote	$10,995
45-66DT 4WD, ROPS, Canopy, 1 remote	$13,950
L310 Loader for 45-66 tractors, 66" bucket	$2,995
55-66 55 hp 2WD, ROPS, canopy, 1 remote	$13,895
60-66 60 hp 2WD, ROPS, canopy, 1 remote	$13,995
L330 Loader fits 55-66 & 60-66, 72" bucket	$3,425
70-66DT 4WD, 12x12 trans., ROPS, 1 remote	$18,625
70-90DT 4WD cab, air, 2 remotes	$22,980
80-66 2WD, ROPS, canopy, 1 remote	$17,225
L350 Loader fits 70-66 thru 80-66, 72" bucket	$3,885
100-90 100 hp 2WD, cab, air, 2 remotes	$22,890
100-90DT 4WD, cab, air, 2 remotes	$27,995
L350H loader fits 10 0 tractors	$3,485
140-90 2WD, cab, air, 3 remotes	$31,965
160-90 2WD, 16 spd power shift, cab	$35,865
160-90DT 4WD, cab, air, 3 remotes	$38,555

HESSTON BIG TRACTOR DEMOS

1180T, 105 PTO HP, 150 Hours	$22,500
1380T, 123 PTO HP, 140 Hours	$24,000
1580, 130 PTO HP, 120 Hours	$25,500

* All Tractors Sold w/Full Warranty Includes 4 yr 3 000 Hr Engine Coverage Plus Demo Units Above Are 2WD w/11 00-16 And 18 4 38 Tires Long Rear Axles Cab w/Air and Rear Tires Loaded

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1085 9 ft mower conditioner, demo	$7,395
1050 9 ft. disc mower conditioner	$9,600
1150 12 ft hyd. tongue mower conditioner, demo	$10,585
5530 550 lb. 3x5' round baler	$6,350
5545 1200 lb. 4x6' round baler	$10,350
5585 1500 lb. 5x6' round baler	$11,395
BP20 Round Bale Processor	$6,995
4600 Bee Line Baler 14x18" w/thrower	$11,000
4800 Big Baler 4'x4'x8' one ton baler	$43,795
7155 175 hp, 1000 PTO, electric controls	$11,995
2540 9-shank cutter chisel	$5,995
2440 25 ft hyd wing disc w/3 bar levelers	$11,500

USED TRACTORS & EQUIPMENT

* JD 4430, cab, Q R	$13,500
* JD 4030, 4 post ROPS, Q.R.	$10,500
* JD 4020, ROPS, canopy, W F , turbo, std. trans	$9,500
JD 3010, gas, N.F , recent trans. rebuild	$5,100
JD 1530	$5,885
JD 1020, gas, very good condition	$4,500
Mitsubishi MT 250, 4 WD, 82 hrs.	$7,400
IH 560 Diesel	$4,000
IH M.	$1,100
Ferguson T020 w/5 ft rotary cutter	$2,495
New Idea #12 Spreader	$750
JD side mount mower	$525
MM 12 ft. chisel plow, pull type	$1,395
NH 495 12 ft haybine	$3,495
IH Super A w/snow plow, one bottom plow & cult.	$2,875

* Denotes equipment that is available or coming in

Prices Good Thru Dec 26th.

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1500-gal. Tank Will Load in Approx. 1½ Min.

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A liquid manure spreader that loads and unloads and has no chains, bearings, fans, augers, or moving parts that touch manure.

- Tanks are made of 5/16 thick metal
- Large air cooled vacuum pump
- Pump has not only a primary trap but also a large secondary moisture trap
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- Has 3 different manure spreading patterns
- Tank has a float level indicator and signt glass
- A 20 inch rear manhole for easy access to tank
- Priced at $5 625

Optional Features:
Heavy Duty tool bar with tooth spring loaded injection
6 inch side valve large flotation tires

Farmers rebuild your tanker with one of our new pumps (192 cfm @ 10 HG)
$1,275

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- 100' Belt/Brush Feeder
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- New 2 - Goliath™ Unloaders.

Complete Dismantling and Re-erection of Used Harvestore® Structures

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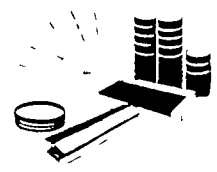

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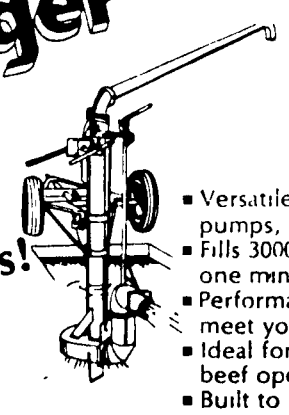

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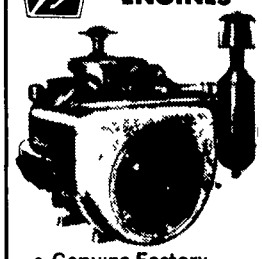

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Wanted: Used Deutz 2506 or 4 WD 4006 to 6806. 716-593-5369

3 SILOS AND UNLOADERS

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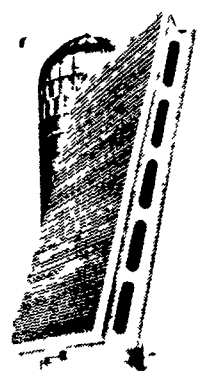

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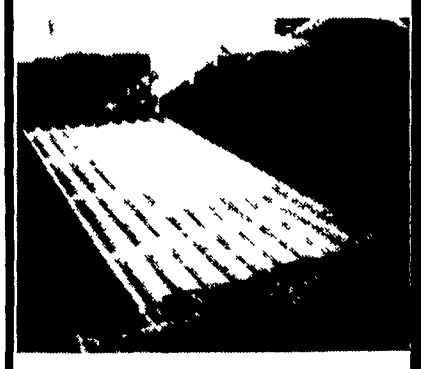

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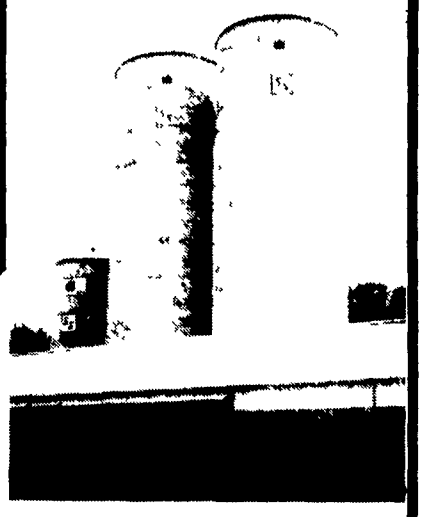

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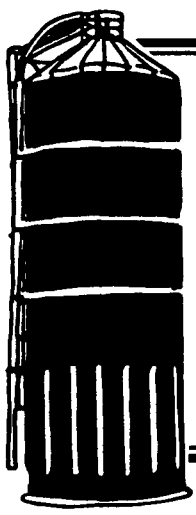

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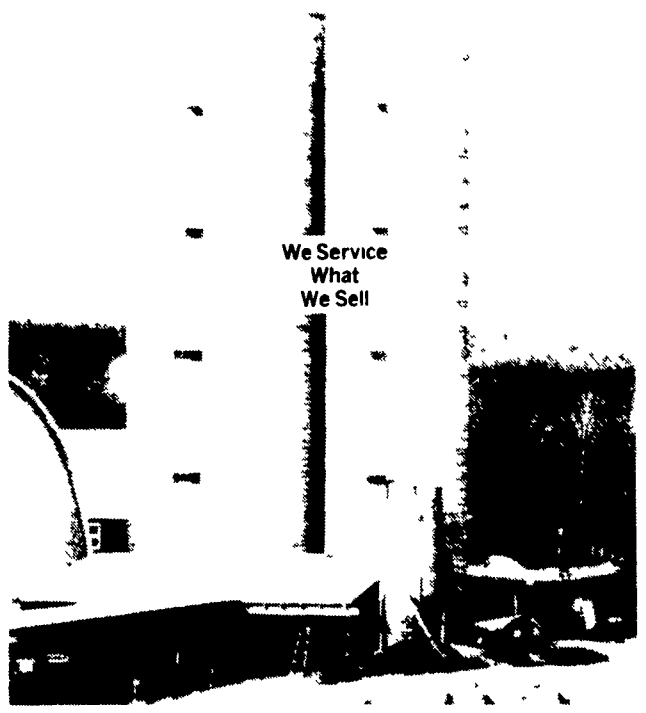

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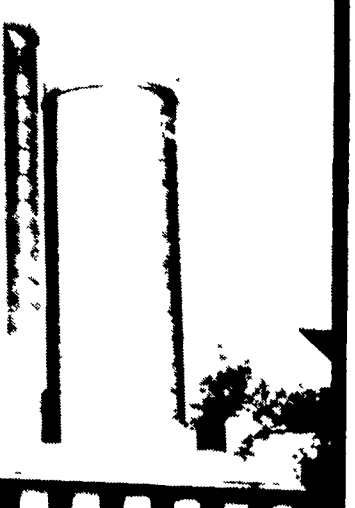

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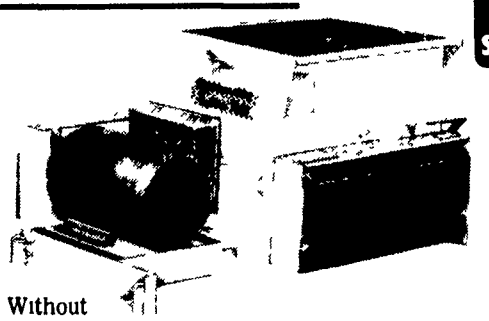

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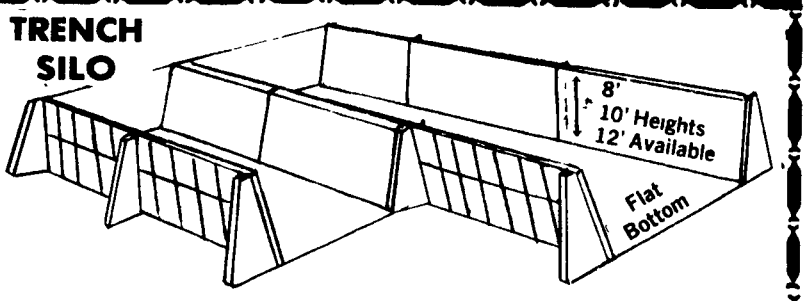

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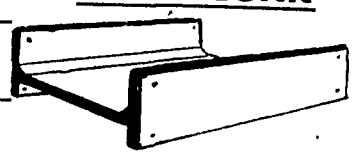

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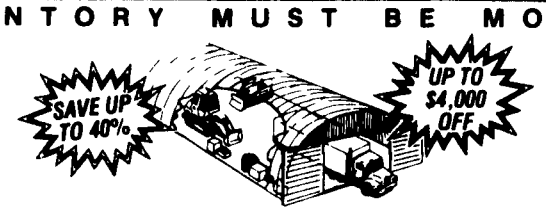

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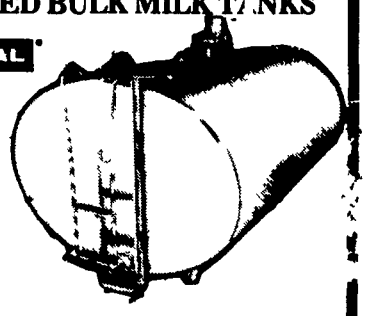

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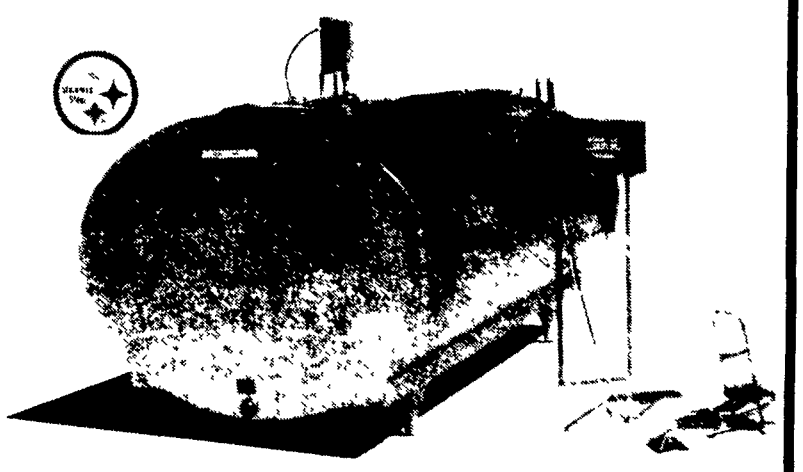

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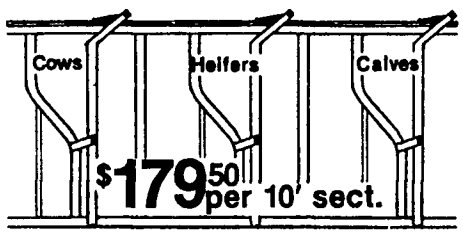

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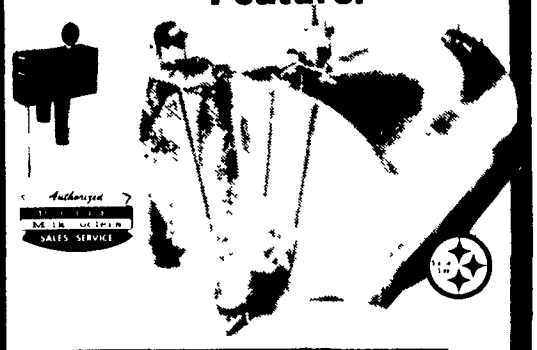

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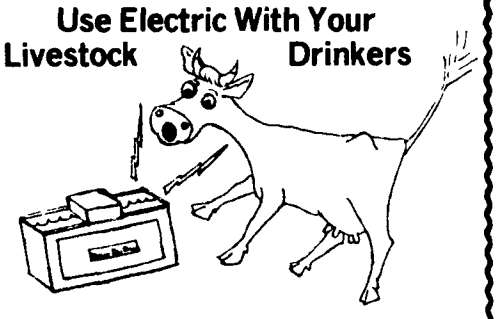

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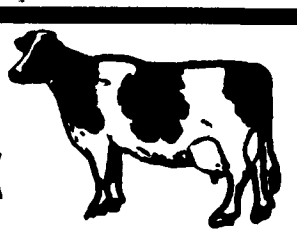

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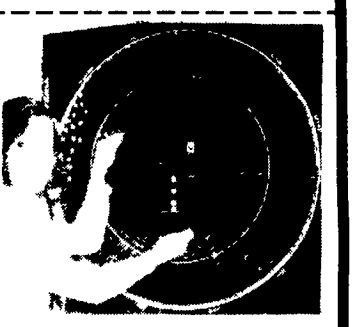

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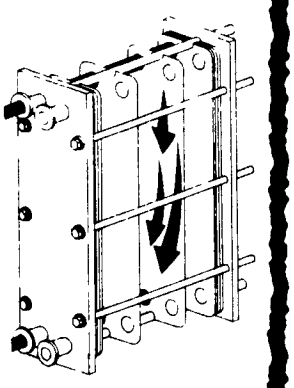

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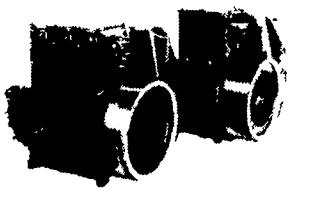

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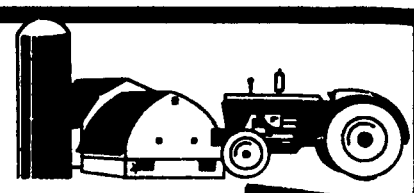

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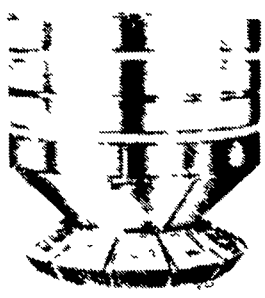

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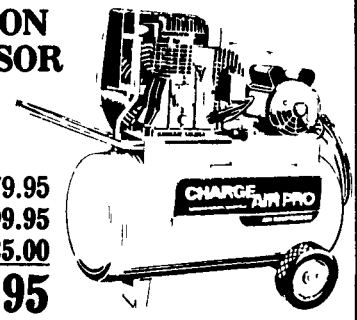

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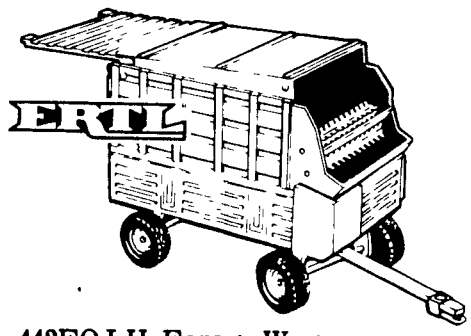

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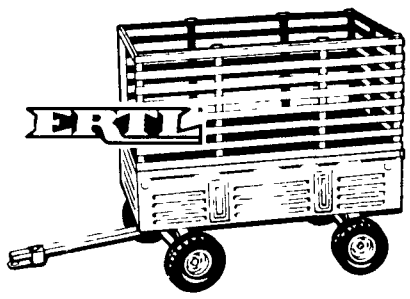

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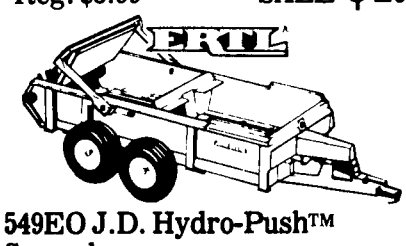

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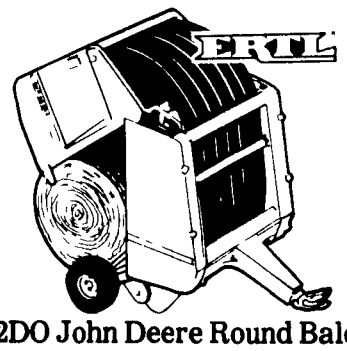

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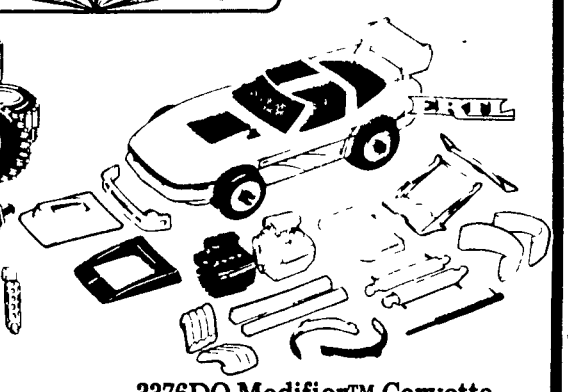

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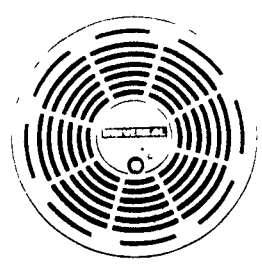

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Keystone Shepherds Symposium To Focus On Profits

UNIVERSITY PARK – Making a profit with sheep is the subject of the first Keystone Shepherds Symposium at the Ramada Inn in Somerset, Fri. and Sat., Dec. 19 and 20.

Sessions will include successful breeding, feeding, and low cost housing systems as well as sheep health and management.

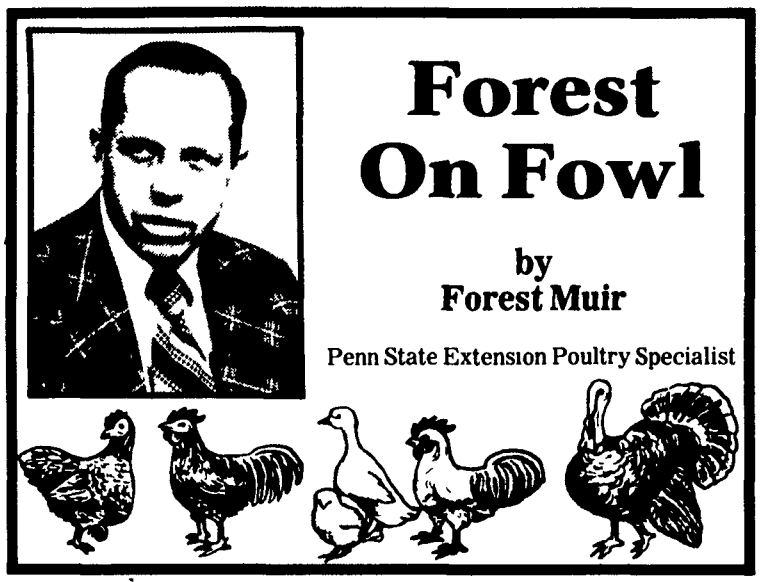
Ian and Tammy Cunningham, of the Pipestone Sheep Project in Pipestone Minnesota, will discuss commercial flock of 450 Finn Cross and Rambouillet ewes. They are nationally known for their innovative husbandry practices and their high lambing percentages, including successfully raising triplets.

Dr. G.F. Kennedy, also of the Pipestone Sheep Project, will discuss preventive health practices for lambing ewes and offer advice on being your own doctor in emergency situations. He will also cover lamb respiratory problems, reproductive diseases, foot rot and internal parasite control practices.

Penn State Extension agronomist Dr. Sid Bosworth and Soil Conservationist Tom Calvert will present a session on a sustainable sheep forage and pasture program.

The symposium is sponsored by the Pennsylvania Sheep and Wool Growers Association, the Penn State Cooperative Extension Service, the American Sheep Producers Council, and allied industries.

Contact your county Penn State Cooperative Extension Office for registration details or write to Dr. Clair Engle at 316 Henning Building. The Pennsylvania State University, University Park, PA 16802. Preregistration is due Mon., Dec. 8.



Bodyweight as a management tool

Breeding companies routinely publish recommended body weight range by week of age for their strains. Keeping the strain within the breeder's recommended body weight range can pay high dividends for the producer.

Research has demonstrated that the largest and the smallest individual birds within the flock tend to perform poorer than those that are average or slightly above average in weight. This shouldn't be surprising, because the largest birds tend to be overweight and the smallest birds are those that have been stressed. It is much easier to maintain body weight uniformity in a flock than to try to redevelop uniformity. This means pullet and egg producers should consider two factors - individual body weights and how the weights vary from the average or target weight.

All flocks will have natural body weight variability. The objective should be to use management practices to minimize this variability. The longer a flock is kept under mismanagement the less uniformity can be expected in the flock. Therefore, a plan should be developed and implemented that will aid in identifying management practices contributing to body weight variability.

Merging of chicks from two or more hatchs and/or having chicks of two or more ages will result in less uniform flocks. Work with the hatchery to secure chicks from only one hatch. If this is impossible, then minimize the number of hatches and age spread in the flock. Consider paying a premium to secure a flock that is uniform at chick placement.

Let's consider some of the commonly asked questions concerning flock body weight measurements.

1. When should the flock be weighed?

I feel the flock should be weighed weekly, beginning at 4 weeks of age.

2. How should the samples be taken?

Individual cages or birds should be marked so that the same birds can be weighed each week. Weighing the same birds each week allows for smaller samples and more confidence in week-to-week changes.

I recommend that cage houses be divided lengthwise into thirds. Within each third of the house mark one cage in each deck of each row for individual bird weighing.

3. How many birds should be weighed?

Some individuals select the number of birds to be weighed and then locate and mark cages throughout the house that in total contain the desired number of birds. I prefer to let the management system present in the building determine the number of birds to weigh. If the body weights obtained are going to be used for management decisions, then I believe the entire house must be sampled as described in question 2. This will determine the number of birds that must be weighed and that number will be influenced by the management system.

4. What should be done with the body weight measurements?

One objective is to calculate average flock body weight and compare the average with the breeder's goal for that age. The second objective should be to calculate flock uniformity. The body weights should be analyzed to determine differences in a) sections of the building, b) decks of cages, c) rows of cages and d) one side of the building versus the other. These values are extremely important in attempting to identify causative factors of reduced uniformity.

5. What other factors should be considered?

A large bodied lean bird can weigh the same as a smaller fat bird; thus, during the weighing process observe and make written notes on the physical development of the birds.

Expect the uniformity to decrease as the flock starts to produce eggs. At this time, some birds will be sexually mature and others will be lagging. The increased size of the oviduct in the sexually mature pullets will increase their body weight.

Shepherds Symposium To Host 'Make It With Wool' Finals

HARRISBURG – Twenty district winners in the Make-It-Yourself-With-Wool Contest will compete for Pennsylvania state titles Saturday, Dec. 20, during the Keystone Shepherds Symposium at the Ramada Inn, Somerset.

State finalists' garments will be judged from 9 - 11 a.m., followed by a wool fashion show and announcement of winners at noon during a special symposium luncheon.

Winners of the district competitions represent pre-teen, junior, senior and adult categories. The junior and senior winners will compete for a trip to the national MIYWW Contest in Reno, Nevada, Jan. 21, 1987.

All winners will receive one and one-half yards of pure wool from Pendelton Wool. A variety of other product awards have been supplied by Pellon, McCalls, Butterick, Coats and Clark, Sunbeam, Stacy Fabrics, JoAnn Fabrics, Imagination magazine and Weiss.

For more information regarding the MIYWW Contest, call state Chairwoman Cecile Midler, 412-587-5230; symposium Co-Chairman James Sheeder, 412-373-8300; or Clair Engle 814-863-3669.

The Keystone Shepherds Symposium is sponsored by the PA Sheep and Wool Growers Association in cooperation with PA State University, PA Department of Agriculture, American Sheep Producers Council and Allied Industries.

Beef Producers Elect Officers

ABBOTTSTOWN – The Adams County Beef Producers Association elected officers and directors for 1987 at their recent meeting.

Newly elected are Kevin Diehl, president; Charles Sherman, vice president; Faith Peterson, secretary; Bill Bucher, treasurer; Karol Sherman, publicity director; Charles Sherman, program director; and Gene Moose, director at large.

Youth Projects Train Future Turkey Farmers

BY HERBERT JORDAN
Penn State University

Forty girls and boys completed the FFA or 4-H turkey project in Pennsylvania in 1985. It requires a mature, responsible youngster to do well at producing, processing and marketing a flock of turkeys.

A youngster who does well in the turkey project and markets 1,000 dressed carcasses in four years can earn $11,400 for labor and management income if all goes well and all birds are sold at $1.40 per pound for a fresh-dressed carcass. At this rate, the youngster earns two to four dollars an hour for labor, which is obtained by dividing hours spent into dollars received.

This youngster, after four years of successful management in turkey projects, is usually competent to begin contracting turkeys or raising 40,000 turkeys a year on his own.

Per capita consumption of turkey has gone from 1.3 pounds eaten per American annually in the early 1930's to 11 pounds at present.

Seldom has any meat in America had the growth in consumption, production and processing as turkey has.

The commercial turkey farmers, processors and retailers have done well to bring Americans high quality meat at a reasonable price.

Any 4-H youngster wishing to take an advanced course in producing, processing and marketing turkeys may enroll in Correspondence Course No. 106, Production of Market Turkeys. For further information, write to The Pennsylvania State University, Box 5000, University Park, PA 16802.

Franklin Beef Club Offers Advice On Choosing Club Calves

Prospective 4-H Baby Beef Club members should act now if they are planning to join next year's Baby Beef Club. The Franklin County 4-H Baby Beef Club does not officially re-organize until Jan. 22 when new members will be welcome to join the club. To meet the 4-H membership requirement a young person must be at least eight years old by Jan. 1, 1987, and not have passed their 19th birthday as of the same date. But now is the time to select your project steer for 1987.

Some suggestions on selecting a 4-H baby beef steer are as follows:

Select a feeder calf that currently weighs about 500 pounds. Keep in mind a finished market steer should weigh about 1250 pounds. The average beef steer is capable of gaining at least two pounds of weight per day when properly fed. Select a calf that was born in March, April or May of 1986.

A well bred beef animal that is 100 percent beef breeding is preferred. This can be a purebred or a grade beef animal, or an animal which is the result of a cross of two or three beef breeds. Steers with dairy breeds in their pedigrees are not eligible for use as market beef steers in this program.

The steer you purchase should be weaned from the mother cow and eating grain. The animal selected should show excellent growth potential, sound muscling and good body conformation. That is, it should look like a show animal, one you will be proud to own.

Then, about one week after you have purchased your baby beef steer, check for external parasites like lice or grubs and treat with an approved medication. Have the animal castrated and dehorned if this job has not been done. Worm your animal if the previous owner has not done so. Then start halter breaking your steer by leading it to water morning and night.

NY Cattlemen Plan Annual Meeting

SYRACUSE, N.Y. – Plans for the New York Beef Cattlemen's Association annual convention Jan. 9 and 10 were finalized and reports of 1986 programs were heard at the recent meeting of the Cattlemen's Council at the Trivet House here.

The annual meeting, which will be at the Sheraton Inn at Ithaca, will be held in conjunction with the final day of the Cornell University Beef Short Course.

Burton Eller, vice president for government affairs and policy coordination of the National Cattlemen's Association will be the banquet speaker Jan. 9.

John Francis, director of marketing for the Beef Industry Council, National Livestock and Meat Board, will be the speaker following the annual awards luncheon Jan. 10. Dairy farmers will be invited to hear Francis, who will discuss the Beef Promotion and Research Order and the resulting Beef Check-off.

The New York Cattlewomen will hold their annual meeting during the convention and there will be a two-day Trade Show. In addition the New York Charolais Association, the New York Shorthorn Association, and the New York Simmental Associations will hold their annual meetings as part of the state-wide convention.

Cornell To Hold Beef Short Course

ITHACA, N.Y. – The nuts and bolts of raising and marketing beef cattle will be discussed at the 1987 Cornell University Beef Production Short Course scheduled for Jan. 6-9. Beef producers in New York State and neighboring states are invited.

The short course is an in-depth study of the basic principles and the state-of-the-art practices for beef cattle production, with emphasis on the application of up-to-date information on animal breeding, nutrition, reproduction and health to management systems for small and large beef operations, according to William E. Greene, chairman of the short-course program and a beef specialist in the New York State College of Agriculture and Life Sciences at Cornell.

New this year is a special workshop for cattle feeders on Jan. 6, which will discuss management priorities, grades of feeder and finished cattle, buying feeder cattle and selling finished cattle, requirements of finishing cattle, and feeding and nutrition in terms of ration balancing and feed budgeting.

The Jan. 9 program will be conducted in the Ithaca Sheraton Inn, where the New York State Beef Cattle Association will hold its annual meeting, Greene said. Other sessions will be held in Morrison Hall on campus.

For more information about the program and registration, contact the Cornell Beef Cattle Extension Office, 130 Morrison Hall, Cornell University, Ithaca, N.Y. 14853 or telephone William Greene's office at (607) 255-2856.

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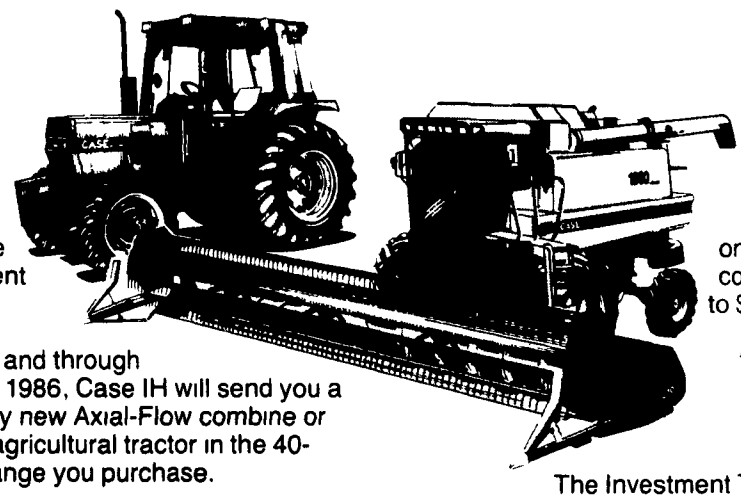

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Fledgling Industry Spreads Its Wings In Virginia

Modern Turkey Production Traces Roots To Rockingham Co.

BY JULIE GOCHENOUR
Virginia Correspondent

HARRISONBURG, Va. — It's called the Turkey Capital, and for good reason.

Poultry is big business in the Shenandoah Valley—turkeys and broilers alike. Nationwide, Virginia ranks fifth in turkey production and tenth in broilers while, for comparison, Pennsylvania is eighth and eleventh respectively. Furthermore, the Old Dominion's poultry industry generates more than $700 million annually and much of that originates in Rockingham and surrounding counties in the Shenandoah Valley.

Rockingham, Virginia's leading agricultural county, was also the birth-place of the modern turkey industry. By 1925 Rockingham County had a 198,000—chick hatchery, the largest in the South, and the second largest poultry dressing plant in the United States. The turkey industry, however, was still little more than an idea floating around in the head of then Rockingham County Extension agent, Charles Wampler.

Having come up with the idea, Wampler contacted every land grant college in the United States about raising turkeys in a manner similar to chickens. The overwhelming opinion was that while chickens were domestic, turkeys were wild animals and wouldn't adapt to captivity. "Every one of them but one, Professor A.A. Dean at Virginia Tech, said he was crazy," his son, Charles Wampler, Jr., has recalled. "Professor Dean encouraged Daddy to try it."

Until then, raising turkeys was more a matter of outwitting the mother hen than anything else. "People ask me how long I've been in the turkey business and I'll say 66 years," the 71 year old Charles Jr. explains. "When I was about five years old, my job was to follow an old turkey hen that was going out to lay eggs. Now, if the old hen knew you were watching, she wouldn't go to her nest so you had to be real secretive about it.

"When you found the nest, you just let the old hen lay the eggs and start setting. Once that happened, you gathered her up and brought them in and set them in a little house with maybe 10 turkey hens setting on eggs. And that was the way you raised turkeys in the teens and up into the twenties," Wampler recalls.

But his father changed all of that. In 1922, the Extension agent gathered up some turkey eggs and took them to a chicken hatchery. The eggs hatched and the poults went back to the Wampler farm to begin life around a kerosene brooder stove. Contrary to expert opinion, the experiment was successful. Wampler then proceeded to learn what worked and what did not when it came to raising turkeys.

In the pursuit of knowledge, Wampler fed his birds everything from grass to hardbroiled eggs, collected performance data on each experiment and learned. In 1925, he had 1,000 turkey eggs hatched at a local hatchery—the only ones hatched from an incubator in Virginia that year—and in 1927, Charles Wampler, Sr., resigned as county agent. He then opened Wampler Feed and Seed, selling, among other things, chicken and turkey feeds. It was the beginning of what would become Wampler Foods, one of the largest turkey processors in the United States

Wampler was also responsible for the beginning of another poultry industry first---contracting. Now an integral part of the industry in much of the nation, this means that farmers raise birds for a poultry processor under a contract that gives both of them certain responsibilities and a predetermined share of the profit based on those responsibilities. This time, however, Wampler's innovation came about by accident.

"Daddy was the first person to contract," his son explains, recalling the incident. "It was about 1930 and there was a man who had been buying feed from him and couldn't pay his bill, but he wanted to keep on growing chickens.

So Daddy said, 'Well, all right, we'll just take a risk. I'll put the chickens there and if there's a loss, I'll take the loss and if there's a profit, we'll split it half and half.'

"Well, the chickens did real well and my dad told the farmer, 'Half of this profit is too much for me; I'll give you three quarters of it.' So they split it that way. And for many years the contract business was based on a straight grower getting three-quarters of the profit and then nine-tenths of it. Now, however a contract is based on an incentive plan—the better job as a grower you do, the more you get paid. But that's the way it got started."

The poultry business was much looser in those days, Wampler also recalls. "When the business first started developing, you had independent feedmills and hatcheries, people who would produce eggs and sell them to the hatcheries which would sell the poults to the feed mills," the president of Wampler Food reminisces. "The feed mills would sell these to the farmers and then they would go to an independent processor. They were all separate transactions and it got so you were always wheeling and dealing between the different firms."

It may have been free enterprise at its finest, but it wasn't efficient and it didn't last. The confusion gave way to what has become known as "vertical integration" or the practice of combining production processors under the umbrella of a parent company. Both Wampler Foods and Rocco, Incorporated, another large poultry processor in Rockingham County, are excellent examples of feed mills that used vertical integration to consolidate their position in the poultry industry.

Today all of Virginia's turkey industry is in the hands of these two firms. Growers must contract with one of the two Harrisonburg companies to have a market for their turkeys, although Wampler still buys some turkeys from independent growers. Rocco is the larger of the two companies, processing more than 185 million liveweight pounds of turkey annually in their plant just south of Harrisonburg—the single largest such facility in the world.

According to the late George Aldhizer, II, a founding partner of the company, Rocco began as Rockingham Feeds, producing and selling feed to contracted poultry growers. Under the guidance of first R.H. (Twig) and then Charles (Chip) Strickler since the 1950s, the corporation has grown to include state—of-the-art feed mills, half interest in a large hatchery, both chicken and turkey breeder and grower houses, slaughter and processing facilities for turkeys, chicken and lamb, and a further processing operation. Support industries include a real estate and construction company and also a building supplies business.

Nationwide, Rocco is the fifth largest turkey company in the United States and also ranks 43rd and 11th in broiler and lamb production. Like Wampler, Rocco has made several significant contributions to the poultry industry, especially in marketing. Originally, Shenandoah Valley turkeys were shipped live to New York and New Jersey and then later "New York dressed," bled, plucked and shipped out in barrels. Still later, whole birds were processed, frozen and sent directly to retailers.

Rocco was one of the first companies to shake the "Thanksgiving Syndrome," the tendency to market turkeys only as holiday fare. Not only did the firm begin to offer retailers prepackaged turkey parts such as breast halves, legs and "cutlets" to meet changing consumer demands, but also a line of "value added" products. Today these include turkey ham, turkey pastrami, smoked turkey breast, turkey hotdogs, boneless cooked meats such as turkey rolls and even a variety of luncheon meats.

They are also in the process of changing the location of the traditional Thanksgiving turkey in the grocery store. In 1985 Rocco introduced fresh, natural turkeys into the New York market for the holidays. Marketed as Shady Brook Farms, ("Always Fresh and Juicy. Nothing Added".) the turkeys were found in the fresh meat section of grocery stores and enjoyed considerable success. The line has since expanded into the Baltimore/Washington D.C. market and is drawing rave reviews from both retailers and health conscious consumers.

Successfully judging consumer demand then meeting it has made the poultry industry the most innovative and market conscious segment of agriculture in Virginia and the Shenandoah Valley. With poultry consumption rising nationwide, Rocco hopes to add a poultry house a week to the large number of such structures already operating in the Shenandoah Valley. To support these new houses, the company has just built a technologically advanced feed mill that towers over the city of Harrisonburg and Wampler Foods is doing the same just north of the city.

Such aggressiveness on the part of Virginia's two turkey processors is going to keep Rockingham the "Turkey Capital" for a long time to come.

At the helm of Rocco, Inc., are chairman of the board Chip Strickler (left) and president Charles Strickler. Rocco operates the single largest turkey processing plant in the world. (Gail Price)

Charles Wampler's first attempts at raising turkeys in confinement employed a kerosene brooder stove like the one pictured warming these chicks. Today Wampler Foods is one of the nation's largest turkey processors. (Va. Poultry Federation)

This bronze turkey standing at the Rockingham County line reminds travelers that turkeys are big business in Virginia.

Bradford Co. Recognizes Big Trees

Winners of the Bradford County Big Tree Contest were recognized recently at the annual dinner meeting of the Bradford County Forest Landowner's Association. The event also marked the first heavy snowstorm in the area, but 70 tree enthusiastics braved the storm to travel to the Wysox Presbyterian Church.

The Big Tree Contest was instigated by the forest landowner group as their way of celebrating The Year of the Forest in Pennsylvania. Thirteen county businesses helped sponsor the contest.

Ten species of trees were chosen early in the year by the service forester, James Lacek, to be eligible, but tree lovers in the county nominated 22 different kinds totally 97 trees.

The trees were measured officially by James Lacek with help from the Soil Conservation District personell: Mike Lovegreen, manager, and Jake Darrow, technician. They were scored according to standards set up by the American Forestry Association as a fair way to compare the size of trees. One point was given for each inch of circumference measured 4½ feet from the ground, one point for each foot of height, and one/fourth point for each foot of crown spread.

Five trees scored more than 300 points and were awarded certificates in the Big Tree 300 Club, a fraternity begun by the BCFLO to encourage more people to nominate more large trees in the future.

These very large trees were a silver maple with 331 points, a sycamore with 313, a willow with 317, a Norway Spruce with 301, and a sugar maple with 302 points. A sugar maple from Sullivan County was entered with an unofficial score of 310 points.

The sugar maple winner owned by Calvin Girvin of Bradford County measured 16 feet 10 inches in circumference and is listed in the book "Penn's Woods", a compilation of trees 300 years old or older. The sugar maple from Sullivan County owned by Mr. and Mrs. James Hoover of Forksville. R.D. 1, scored more points but was five inches smaller in circumference.

The apple tree owned by Mrs. Dorothy Meng of Stevens Township scored 197 points and is listed in the ***Big Trees of Pennsylvania,*** a booklet printed and updated periodically by the Pennsylvania Forestry Association. It is the only tree from Bradford County listed in that book.

According to James Lacek, forester, some of the winners such as the sumac and Norway spruce (see chart) are larger than those listed in the state book and will be measured again before they are nominated for the state listing.

The next meeting of the BCFLO will be on January 20 when Dr. John Buzzell of Towanda will show slide pictures of a trip sponsored by the American Forestry Association to New Zealand.

For more information or for a booklet listing the Big Trees, send a stamped, self-addressed envelope to Mrs. James Bresee, R.D. 1, Box 131, Ulster, Penna. 18850.

Big Trees of Bradford Co.

Species	Circumference inches	Ht. ft.	Spread ft.	Points	Owner & Nominator Location
Hemlock	112"	106'	48'	230	Carlton Williams LeRaysville
White Pine	137"	106'	52'	256	Charles & Roberta Davis, Windham
Red Oak	196"	80'	86'	298	Linus Strictland E Smithfield
Staghorn Sumac	27"	29'	18'	61	Tom Barrett- O Tony Barrett- N Wolcott Road, Athens Township
Apple	145"	39'	56'	197	Mrs. Dorothy Meng Stevens Township
White Oak	175"	92'	96'	291	Dean Bedford- O Pat Van Dyke- N East Canton
White Oak	176"	99'	63'	291	Eileen Farr, Near Ridgbury Chapel
Sugar Maple	202"	81'	76'	302	Calvin Girvin Wilmot Township
White Ash	156"	85'	168'	283	Dale Tillinghast Fassett
Ailanthus	88'	74'	44'	173	Owner Unknown James Lacek- N Comer River & Ferry Sts, Athens

Booklets containing a list of ALL trees entered in the contest are available for a small fee from Jane Bresee, RD #1, Box 131, Ulster, PA Telephone 717 265-6984

Add Dog License To Holiday Gift List

HARRISBURG – Pennsylvanians preparing their holiday gift lists would do well to add a 1987 license for the family dog, according to the State Department of Agriculture.

"A license is a practical gift, benefitting both the dog and its owner," noted Donald R. Moul, director of the Bureau of Dog Law Enforcement. "It offers valuable protection by providing a way for the pet to be identified and returned if it becomes lost. A license shows that an owner cares about the dog," Moul said.

Licenses for 1987 may now be obtained at county treasurers' offices, and through authorized count agents on dates specified by the treasurers. Under the Pennsylvania Dog Law, all dogs six months of age or older must be licensed by January 1 each year. Failure to comply could result in fines of up to $300 plus costs.

Lincense fees are $3 for spayed and neutered dogs and $5 for others. Senior citizens who provide proof that they are 65 or older pay $1.75 for non-productive dogs and $2.75 for others. Proof that a dog has been spayed or neutered must be provided.

If the fee is mailed to the county treasurer's office, a self-addressed, stamped envelope should be included. Names and locations of authorized agents can be obtained by contacting the treasurer's office in the appropriate county.

Questions concerning licenses or other dog-related matters may be directed to state dog wardens in each county or the Agriculture Hotline at the Pennsylvania Department of Agriculture. The number is 1-800-AG-PENNA.

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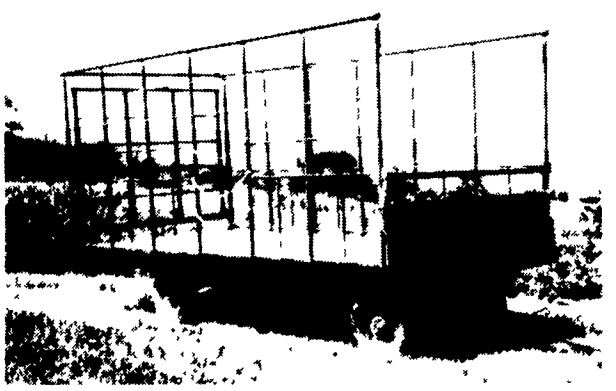

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Plain & Fancy To Double Production

BY JACK HUBLEY

ELIZABETHTOWN – While some segments of the livestock industry are in a holding pattern, anything with feathers seems to be turning a profit these days. And one firm that's betting on a bright future is Plain and Fancy Egg Ranch.

Putting all its eggs in one basket, the Elizabethtown-based egg producer/processer recently installed a computerized Diamond 8200 Packer that will double the company's current output, according to Plain and Fancy spokesman, Mike Hoffman.

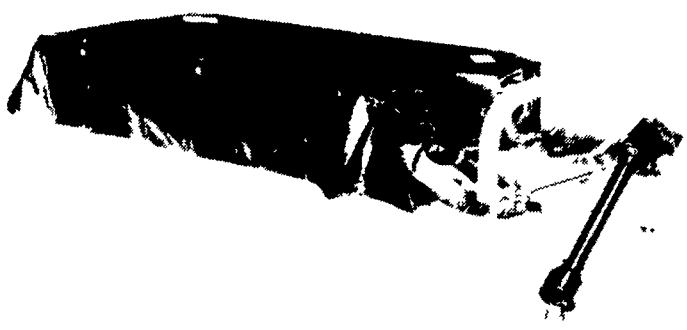
The impetus for expansion was Clair Nissley, one of Plain and Fancy's contract producers who decided to increase the size of his Middletown layer operation from 50,000 birds to 350,000 in one stroke. The first of the new flock was scheduled to go in yesterday, with the balance of the flock to be put in the day before Christmas.

To handle the accompanying avalanche of eggs from the Nissley farm, Plain and Fancy's new packer will be able to wash, grade, size and pack 240 cases--that's 7,200 dozen, or 86,400 eggs-- per hour. To sort the cracked, dirty, low grade or misshapen eggs from the good ones, says Hoffman, employees simply touch a wand to any substandard egg and the machine removes it automatically.

Plain & Fancy plant manager Marlin Martin (left) inspects the firm's new packer computer terminal with egg producer Clair Nissley.

The state-of-the-art packer is the 100th of its kind in production in the country, Hoffman points out. To satisfy the high performance packer's appetite, Plain and Fancy plans to run two shifts six days a week, Hoffman says.

Plain and Fancy has about a dozen egg producers on contract, servicing markets from Connecticut to Virginia, and Hoffman says his company is enthusiastic about the future of the egg business in Lancaster County. "Lancaster County is the largest egg producing county in the country," says the company spokesman, pointing out that Lancaster unseated Riverside County, California, for top honors within the past two years. "The markets are here. It's a favorable climate for egg production."



Rotating discs in Case IH Model 3206 disc mower permits cutting at top operating speeds.

Case IH Disc Mowers Cut Under Adverse Conditions

RACINE, Wisc. – The new Case IH disc mowers use a unique series of rotating discs to cut wet, tangled and even matted hay at top operating speeds. The Models 3204, 3205 and 3206 are among the most advanced agricultural mowers on the market, able to effectively work the toughest crop and field conditions.

The Case IH disc mowers are modular in design, providing easy operation and serviceability. Each disc gear drive system is individually sealed and lubricated, eliminating routine maintenance steps.

Plugging Eliminated

The Case IH rotary disc mowers are driven by a horizontal shaft. The shaft powers individual knife-equipped rotating discs that cut the crop and transport it over the cutterbar. These units offer superior cutting performance and will slice non-stop through heavily fertilized or high-yield crops with no plugging.

The Model 3204 has four rotating discs, the Model 3205 has five and the Model 3206 has six. Minimum horsepower requirements for operating the Models 3204, 3205 and 3206 are 30, 35 and 40 horsepower, respectively. The entire cutterbar is enclosed in a protective curtain that contains flying materials.

Rugged Construction

• The reversible knives on the discs are bolted in place for easy switching that doubles the cutting life on each blade.

• An overrunning clutch on the telescoping driveline provides drive protection.

• A sturdy frame supports the Models 3204, 3205 and 3206, providing durability and strength when high-speed, tough cutting is required.

• A 4-V banded, fully enclosed power belt on the Model 3206 (3-V on Models 3204 and 3205) is another feature designed to enhance service life and protect the Case IH disc mower from damage.

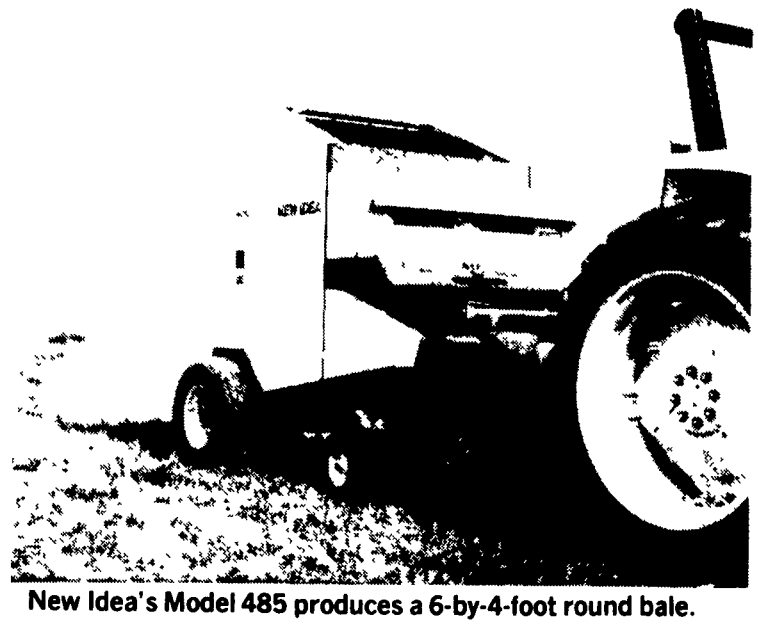
An optional outside swath board that separates cut crop from uncut crop is available. This crop divider is fitted on the end disc.

New Idea Expands Round Baler Line

COLDWATER, Ohio – New Idea announces the addition of two round balers, Models 483 and 485, to their line of quality balers. The two new models add versatility and handling ease while delivering all the benefits of New Idea's high capacity balers, Models 484 and 486.

Model 483 is designed to produce bales measuring approximately 4-by-4 feet, while Model 485 delivers a taller bale measuring approximately 6-by-4. Both feature constant velocity PTO; wide, low profile pickup; dual gauge wheels and a dual twine tying mechanism. The difference in bale chamber size allows the operator to build a bale to fit individual needs and operation.

As an added option, Model 485 is also available with a trip gate which eliminates the need for backing when ejecting a bale. This new feature allows the operator to pull forward into the windrow while the tines in the bale chamber prevent the hay from passing through until the tailgate closes.



New Idea's Model 485 produces a 6-by-4-foot round bale.

'Trash Master' From Yetter

The Yetter 2965 Trash Master effectively clears away trash in min-till and no-till operations and provides a smooth, level seedbed. Eliminating gauge wheel bounce results in more accurate, effective planting and closing operations for better emergence. Yetter Trash Masters fit IH 400, Case IH 800 Series, JD 7000-7100, New Idea, White 5100 Series and Kinze planters and Yetter row units.

For information contact Yetter Mfg. Co., Inc., of Colchester, IL. Phone: 800-447-5777.

Red Wing Computer Program Geared To Tax Reform

RED WING, Minn. – Red Wing Business Systems, Inc., announces the introduction of their new Asset Depreciation computer software system. In addition to handling all previous methods of depreciation, the new system also handles the 1986 Tax Reform Act.

According to Lyle Warrington, president of Red Wing Business Systems, the new system will allow farmers to depreciate each asset up to three different ways to accommodate state and federal tax laws, in addition to book value.

Using the same "state of the art" techniques as the Red Wing General Ledger 2.0, the new system is designed specifically to help farmers and ranchers effectively manage their assets. The system helps improve management capabilities by: 1) Providing a complete record of all assets including serial numbers, market value, ownership, location and other valuable information on the asset; 2) Providing a five-year history of depreciation activity; and 3) Providing a five-year forecast of projected future depreciation amounts.

The new system will also provide short and long term capital gains reports, a breakdown of assets by profit center, an automatic "bases" calculation for traded assets, and information for IRS Form 4562 in accordance with 1986 Tax Reform Act.

For more information, contact: Patricia Brown, Red Wing Business Systems, 610 Main Street, Red Wing, MN 55066; telephone (612) 338-1106, extension 307.

New Corn Hybrid From Voris

Voris Seeds, Inc., Windfall, Ind., has announced the addition of V2495, a high-yield, fast drying corn hybrid, to its line of Blue Chip corn, soybean, wheat, and alfalfa varieties. V2495 is a 109-day hybrid which combines excellent stalk and root strength.

The new hybrid produces very attractive medium-to-tall plants with outstanding resistance to leaf, stalk, and root diseases. V2495 ears are medium in length with deep, high test-weight kernels.

For free literature about V2495 and Voris Seeds, contact: Voris Seeds, Inc., P O. Box 457, Windfall, Indiana 46076. Telephone 317-945-7777.

Holstein Publication Available

EATON, Ohio – ***Holsteins and FUTURE CHOICES,*** a new Holstein publication, is now available from HIO, Inc., Eaton, OH. The new 84-page publication is designed to benefit breeders at all levels and presents an overview of the Holstein Industry as well as challenging information for the continued progression of Holstein genetics.

The booklet provides in-depth discussions on genetic tools, options, and opportunities and Holstein marketing trends and techniques. A brief review of Holstein history and a chapter on financial considerations are also included. The co-authors R. Benedict, R. Buffington, and D. Pidgeon have built the discussions from their first publication, Holstein Investment Opporunities, Volume I.

Holstein Investment Opportunities, Inc. (HIO, Inc.) is an Ohio-based dairy management consulting organization.

Holsteins and FUTURE CHOICES, Volume II retails for $14.95 plus $2.00 shipping; Volume I retails for $11.95 plus $2 shipping; or the set of Volume I and Volume II retails for $25 plus $4 shipping. Contact HIO, Inc., P.O. Box #533, Eaton, OH 45320. Phone: (513) 456-7213.

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'Frost Buster' Silo Unloaders

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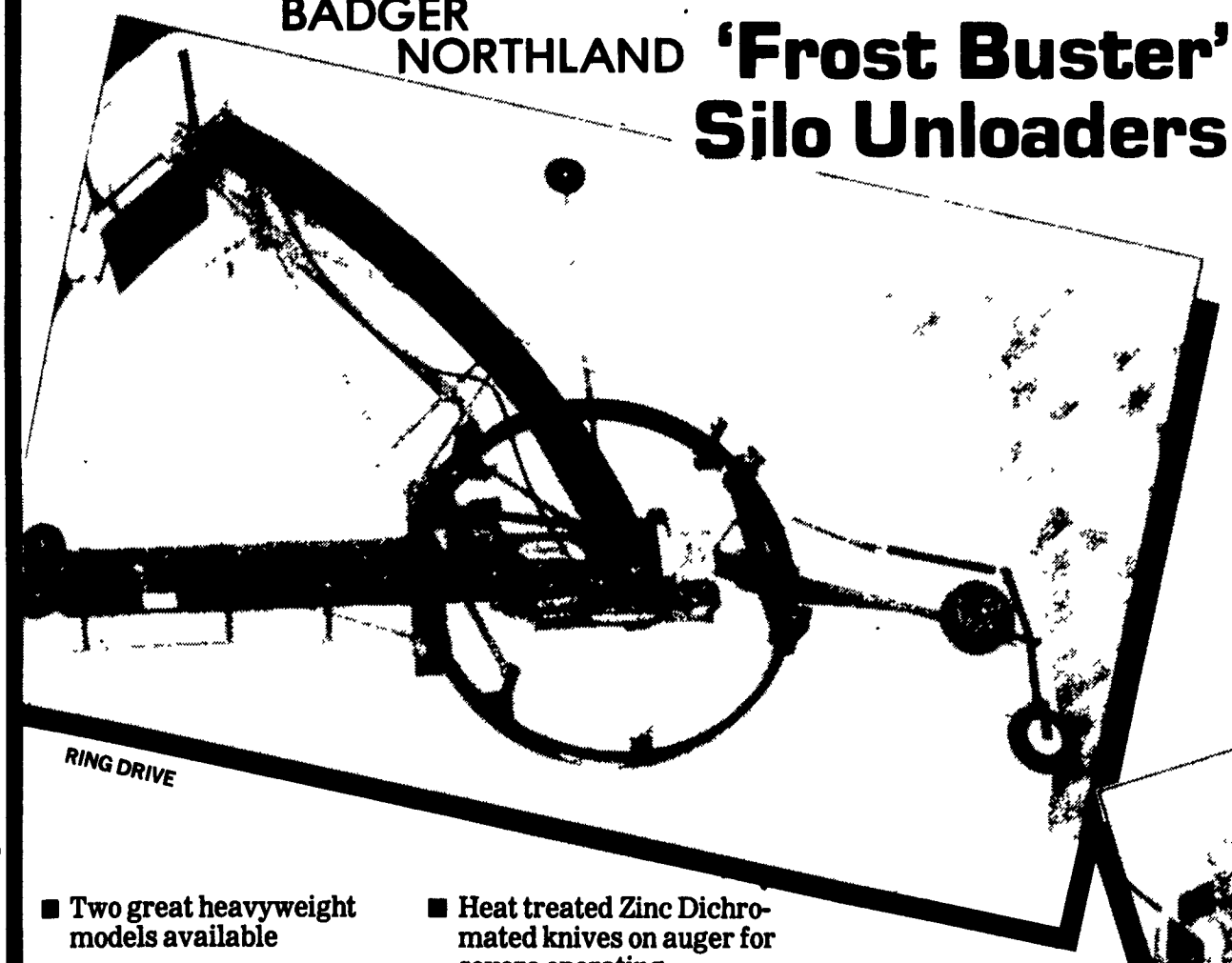
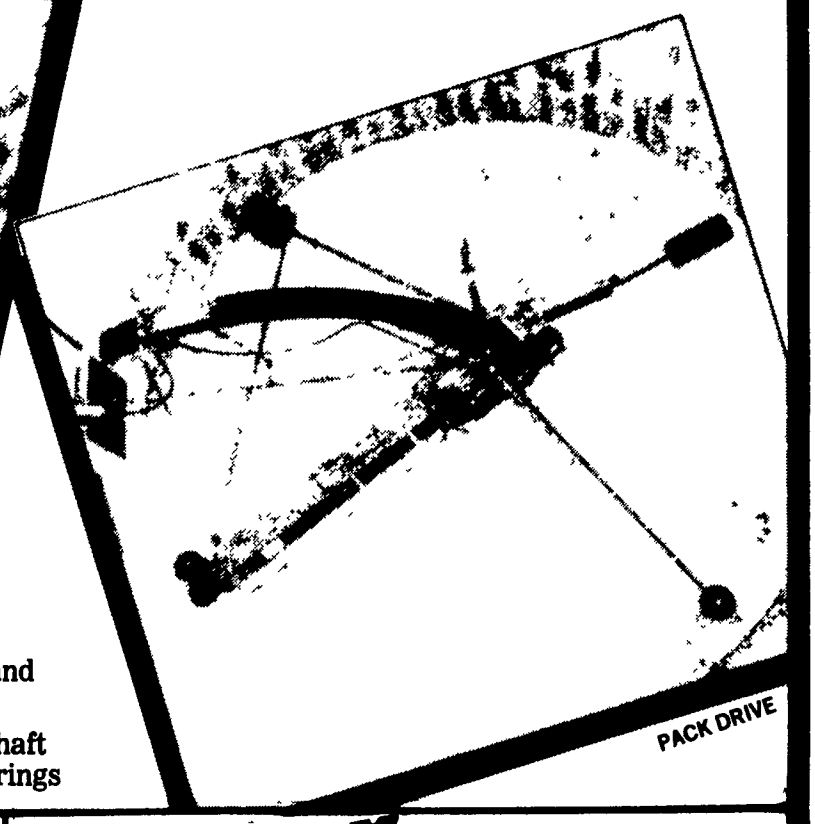


RING DRIVE



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Delmarva Poultry Industry Names Officers, Directors

GEORGETOWN, Del. – David VanHoose, general manager of Paramount Poultry/Cargill, Inc., Harbeson, Del., was elected president of the Delmarva Poultry Industry, Inc. (DPI) at the group's annual meeting held at the Delmarva Power auditorium in Salisbury. His term of office will start Jan. 1, 1987.

Elected to serve with VanHoose were Dr. Keith E. Rinehart, vice president, technical services, Perdue Farms, as first vice president; Donald Lynch, president, Animal Health Sales, Inc., as second vice president; and, Otto K. Lange, assistant operations manager for Allen Family Foods, Inc., as immediate past president. Also elected were directors from Delaware, Maryland and Virginia.

Otto K. Lange, DPI president, announced that Edward H. Ralph, executive director of DPI, was retiring December 31, 1986, after 13 years' association with DPI. At the same time he announced the selection of Gerald B. Truitt, Jr., presently executive assistant of DPI, to become executive director, effective Jan. 1. Ralph was elected to continue as a director of DPI and also to serve on the executive committee.

Truitt has been executive assistant of DPI since January 1, 1986, after a 25-year banking career. He was graduated from the Pennsylvania State University with a Bachelor's degree in Agricultural Economics and an associate degree in Dairy Husbandry. Active with DPI for about 25 years, he has served on and chaired numerous DPI committees, including fund drive chairman in 1967 and 1983. He was an officer from 1982 through 1985 and served as president in 1984. He lives in Salisbury, Maryland with his wife, Jean.

DPI president Otto K. Lange (right to left) congratulates David A. VanHoose on his election to the top office for 1987. Other newly elected officers are first vice president Dr. Keith E. Rinehart, and second vice president Donald J. Lynch.

Buffering Agent Improves Dairy Cow Performance

WESTPORT, Conn. – Extensive research demonstrating the benefits to dairymen and feed manufacturers of using BUpHERD, a new sodium sesquicarbonate dairy feed buffering agent, was reported at the recent annual meeting of the National Feed Ingredient Association by Dr. Henry Amos, associate professor of Animal-Dairy Science at the University of Georgia.

The research studies, performed by Dr. A.W. Young at the University of Southern Illinois, and Dr. Louis Armetano at the University of Wisconsin, were funded by Stauffer Chemical Company.

According to Dr. Amos, a herd of 50 cows might yield a $3,400 annual profit increase when BUpHERD is used in high concentrate feeds in place of unbuffered diets. In a palatability study, cows consumed 10 percent more feed made with "Buffer Paks" containing BUpHERD than feed made with sodium bicarbonate.

BUpHERD, a granular, free flowing and natural colored sodium sesquicarbonate buffering agent, was introduced to the dairy industry earlier this year by Stauffer Chemical Company as a companion to its present sodium bicarbonate feed buffer. Developed by the company expressly to meet industry needs, the product's physical characteristics and its composition, a chemical combination of sodium carbonate and sodium bicarbonate, make it beneficial to use in feed blends and as top dressing by dairymen.

BUpHERD is available in 50-pound bags, 2000 pound semi-bulk bags and in bulk.

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FMC Announces Herbicide Label Changes

PHILADELPHIA – FMC Corporation has announced label changes for Command, a soybean herbicide the company sold for the first time this year.

The label changes were recommended to the Environmental Protection Agency (EPA) by FMC to reduce the possibility of the product moving off the area where it is applied and discoloring nearby susceptible vegetation.

Farmers and custom applicators who use Command will now be required to incorporate it into the soil within three hours after application. To reduce spray drift, Command should not be applied in winds of more than seven miles per hour.

Other revised sections of the label outline sprayer clean-up procedures that reduce exposure to non-crop areas, and specify distances to be maintained between areas where Command is used and certain sensitive trees, vegetables, and other plant species.

FMC says that a small percentage of the total Command applications in 1986 resulted in off-target movement complaints. Each complaint was investigated by FMC personnel, and the information they gathered guided development of the new label recommendations.

Command is a broad spectrum herbicide that controls grassy weeds and a wide variety of broadleaf weeds – especially velvetleaf – all season long. In addition to its broad spectrum activity, Command requires very little moisture for activation, thereby giving farmers flexibility in timing their application around the weather.

Telmark Names Territory Manager

DEWITT, NY – Telmark Inc., the wholly-owned subsidiary of Agway Inc., has named Andrew McLean to the post of territory manager.

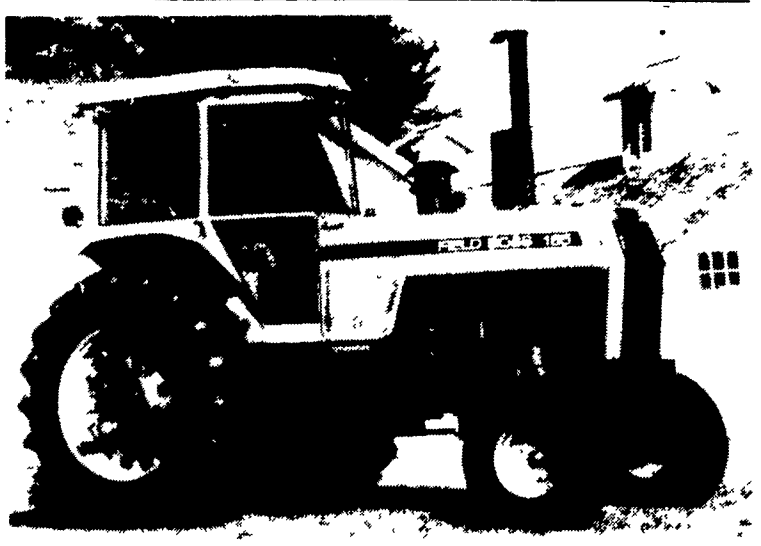
Telmark specializes in agribusiness leasing, and McLean will be responsible for working with equipment dealers and ag builders and their customers in the Southern Pennsylvania and Delmarva Peninsula area.

McLean is a graduate of Virginia Tech. He is a native of Bel Air, MD and now resides in Newark, DE.

The primary responsibility of McLean will be the marketing of Telmark leasing programs through local equipment dealers and agricultural builders. Telmark's leasing programs, bearing the registered trademark name "Agri-Lease," have been available for over 20 years in the Northeast, and most recently in Michigan, Ohio, Virginia, Kentucky, and West Virginia.

Andrew McLean

Agri-Lease can be used to acquire virtually any make or model of new and used farm machinery, farm building and over-the-road vehicles.



White's new entry in the heavy-duty tractor market offers 185 h.p. for greater lugging power.

White Introduces New 185-hp Tractor

SOUTH BEND, Ind. – "Field Boss" 185, a new entry in the heavy-duty over 180 horsepower market, was recently introduced by White Farm Equipment Company at their corporate headquarters in South Bend, Indiana. Featuring a turbocharged, after-cooled design, this fuel efficient Cummins 6CTA 504.5 C.I.D. diesel delivers 185 pto horsepower.

A refined 3x6 Over/Under Powershift transmission, with 3 power-shift speeds, in each of 6 ranges, provides 18 forward and 6 reverse speeds. This large choice of travel speeds enables the operator to match power to the job with optimum efficiency. The Powershift is also ideal for operation in variable soil conditions where constant speed changes are required. For reliability and long life, the standard 1000 rpm independent pto is hydraulically actuated by a wet, multi-disc clutch.

The operator's range of vision has been enhanced through the use of frameless windows, while night visibility is improved by the introduction of halogen headlights and floodlights.

The "Field Boss" 185 is available as a 2WD or 4WD model and is styled in the tradition of the "Field Boss" line with new "castle grey" cab interior and distinctive striping. For more information contact, Stoltzfus Farm Service of Cochranville.

Gehl has the answer to every spreading need.

a. Solid

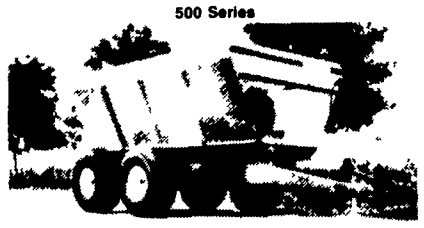
If you handle mostly solid manure the Gehl 100 Series box spreader should be your choice It s built to give you more years of service A specially constructed floor with Clad Tuff™ protection prevents the apron from freezing to the floor The Ex Ten A steel frame has more strength than ordinary steel And the copper bearing steel sides form a self healing rust scale that prevents pitting Six sizes are available with load capacities from 135 up to 425 bushels heaped (243 cu ft)

100 Series

b. Semi-Solid

The Gehl 500 Series gets semi solid manure onto your fields fast and economically Loading is easy from barn cleaner or bucket with the efficient open top design An internal chopper type auger blends manure and forces it to the oversized heavy duty rear fan for wide even discharge patterns Engineered to handle high volumes it can spread up to 1500 gallons of semi solid manure in 2 5 minutes with uniform patterns up to 50 feet

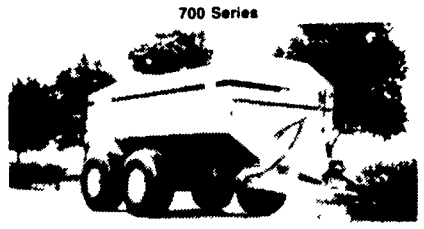
500 Series



c. Liquid

If you handle only liquid manure a Gehl 700 Series liquid tanker should be your choice Featuring an internal auger it spreads evenly uphill or down Plus two discharge outlets let you choose either high application rates and fast unloading or moderate application rates And a fill indicator helps prevent overflow during loading

700 Series



d. All of the above

The one spreader for a two spreader farm a Gehl 300 Series spreader lets you spread liquids semi solids pen pack even frozen manure The patented heavy duty square tube auger makes the big difference Turning at low RPM it produces a unique pulse action that breaks up manure in the tank Specially formed paddles rip through tough clods to deliver a steady constant flow to the discharge The auger can be powered up and down to chop through bridged and frozen material Variflo discharge gives you complete application control

300 Series

For more answers about the Gehl spreader that best fits your manure management system talk to your Gehl dealer Or contact Gehl Company for a free manure spreader technical series buyers guide Gehl Company
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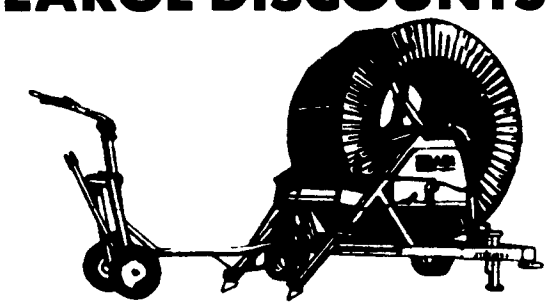

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- LOW MAINTENANCE. The simple drive unit offers really low maintenance — No cylinders to repair, No chain or sprockets to wear, No seals to leak, No gearboxes or pulleys to maintain.
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Agronomist Urges Farmers To Analyze Seed Data

MOUNT JOY – Carefully examining demonstration plots, comparing seed company yield books, and scrutinizing performance over several years can improve prospects for next year's harvest without costing a cent.

"It didn't cost anything to attend field days last summer to look at demonstration plots and see how different hybrids and varieties compare under local field conditions. Combining this visual assessment of performance with seed companies' yield books and university trials gives farmers the information needed to choose the best hybrid or variety for their operation," says Bill Fleet, area agronomist for Pioneer Hi-Bred International, Inc.

In addition to last year's performance, buying decisions should also be based on a summary of harvest moisture levels, standability, and yield over the past three years, Fleet adds.

Performance across a wide range of soil conditions and climates is an excellent indicator.

"A certain number may outshine all the others one year if conditions are extremely favorable, but those factors may not all come together again for another five or 10 years. The best hybrid or variety is one that doesn't always come in number one, but remains near the top year after year under different growing conditions.

"Seeds may all look alike from the outside, but the genetic material they carry inside often makes the difference between a good harvest and a poor one. A thorough analysis of performance characteristics and agronomic traits based on at least three years of data obtained under a variety of growing conditions is the only way to be sure of getting the best possible seed," Fleet concludes.

New Harrow Offered By Fuerst

OREGON, Ill. – The Model H-6, a 6-foot-wide harrow, has been added to the Fuerst line of Hercules Harrows.

Fuerst Harrows are used to incorporate hebicides in one pass behind disks and field cultivators, to cover broadcasted seed, to break up and scatter no-till and ridge-till stalks, and to renovate and maintain pastures.

The new Model H-6 contains the exclusive Fuerst two-piece, free-swinging Spreading-Action tines for faster, more efficient operation under all conditions. Fuerst Hercules Models now come in widths from 4 to 24 feet.

For further information, write Fuerst Brothers, Inc., P.O. Box 356, Oregon, IL 61061, or call toll-free 800/435-9630.

Fuerst's new H-6 harrow has free-swinging tines for more efficient operation.

Farm Credit News

The Farm Credit System

Rolland Joins York Farm Credit

YORK – Roy R. Rolland has been named to the position of executive loan officer for the York Farm Credit Service, according to John H. Brumbaugh, branch manager. In this position he will service farmer and members of the York Farm Credit Service in Franklin County and the northern portion of Adams County.

Rolland, a native of the Lake Plains area of western New York, is a graduate of Cornell University where he majored in Ag Economics with a minor in Agronomy. After completion of his formal education, he served two years in the U.S. Army as a commissioned officer. Subsequent to that time he owned and operated a 250-acre vegetable processing cash crop and livestock farm in Phelps, New York.

Roy R. Rolland

For the past 22 years he has managed the Agricultural Department of a major western New York commercial bank. His six-county area included responsibility for the agricultural portfolios of 14 offices. He has done consultation work for the Farmers Home Administration and is also a professional member of the American Society of Farm Managers and Rural Appraisers.

The York Farm Credit Service presently provides over $77 million in long-term Land Bank loans to 1,200 borrowers and $35 million in short-term Production Credit Association loans to 861 borrowers in South Central Pennsylvania.

Christmas Tree Shortcourse Set

YORK – A Christmas Tree Pest Management Short Course will be held at Buckhout Lab at the Pennsylvania State University, University Park, on January 8 and 9.

New or established Christmas tree growers will receive training in weed control, pesticide spraying, safety, and the law. Lab periods for insect and diseases identification are also included.

Send a $50 registration fee with check payable to the Pennsylvania State University to: Short Courses in Agriculture, 306 Agricultural Administration Bldg., University Park, PA 16802.

Include your name, firm name, business address and phone number with your registration fee. Class size is limited. Only pre-registered growers will receive detailed training materials.

For more information, contact the York County Extension Office at 112 Pleasant Acres Road, York or phone- 757-9657.

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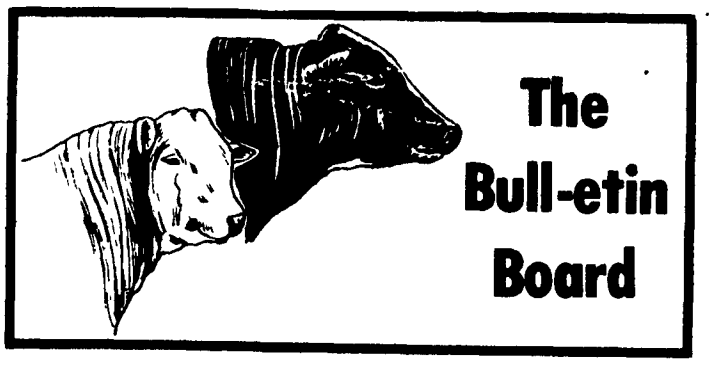

ABS To Test Jackson Bull

DEFOREST, Wisc. — American Breeders Service has selected a young Holstein bull, Mt-Glen Jason Horizon-ET, to enter their Progeny Testing Program. He was bred by Ben Jackson, of Columbia Crossroads, Pa., and is the result of a planned mating between his sire Pinta-Lane Conductor Jason, +$131, +541 M and +60 BF and Mt-Glen Valiant Helene. His dam's best record at 2Y 5M is 23,260 lbs. of milk. Her classification score as a 3-year-old is VG-85 and she's sired by S-W-D Valiant.

Mt-Glen Jason Horizon-ET joins over 200 other young Holstein bulls being tested this year through the ABS testing program.

Beef Sire Directory Available

DE FOREST, Wisc. — The new 1987 Beef Sire Directory is now available from American Breeders Service.

The directory features over 100 bulls from 22 breeds. The latest breed sire summary data is included along with individual performance information on young sires. With color photos of each sire and numerous progeny photos, this year's directory highlights Genetic Trait Leaders at ABS along with many national champion bulls in the beef industry. All are available from your ABS representative.

To request a directory, contact your ABS representative or call 1-800-ABS-STUD.

Corn Borer Up In Sussex Co.

NEWARK, Del. — The annual fall survey of Delaware's overwintering European corn borer (ECB) population by the University of Delaware Agricultural Experiment Station shows this crop pest is nearly five times greater in Sussex County than in New Castle County.

"The average number of borers per 100 plants in Sussex County is 450 as opposed to 91 for New Castle County," says insect ecologist Dr. Charles E. Mason. "This is the greatest difference in population levels between these two counties in the last five years." Kent County averaged 280 borers per 100 plants.

Mason says the increase of ECB larvae in Sussex County may be a result of last summer's drought. "Corn is more susceptible to insect attack during periods of drought, and Sussex County was more affected by the 1986 drought than the state's other two counties were," he says.

The figures, which come from a survey conducted Sept. 9 - Oct. 7, give a rough idea of what to expect next spring from ECB moth emergence. However, Mason says the system is not refined enough to accurately forecast next year's insect infestation.

"At most, we can say there is more potential in Sussex County for major corn borer problems next year," Mason says. "But sometimes a natural phenomenon—like a parasite or disease—occurs and kills off large numbers of the insect population during the winter."

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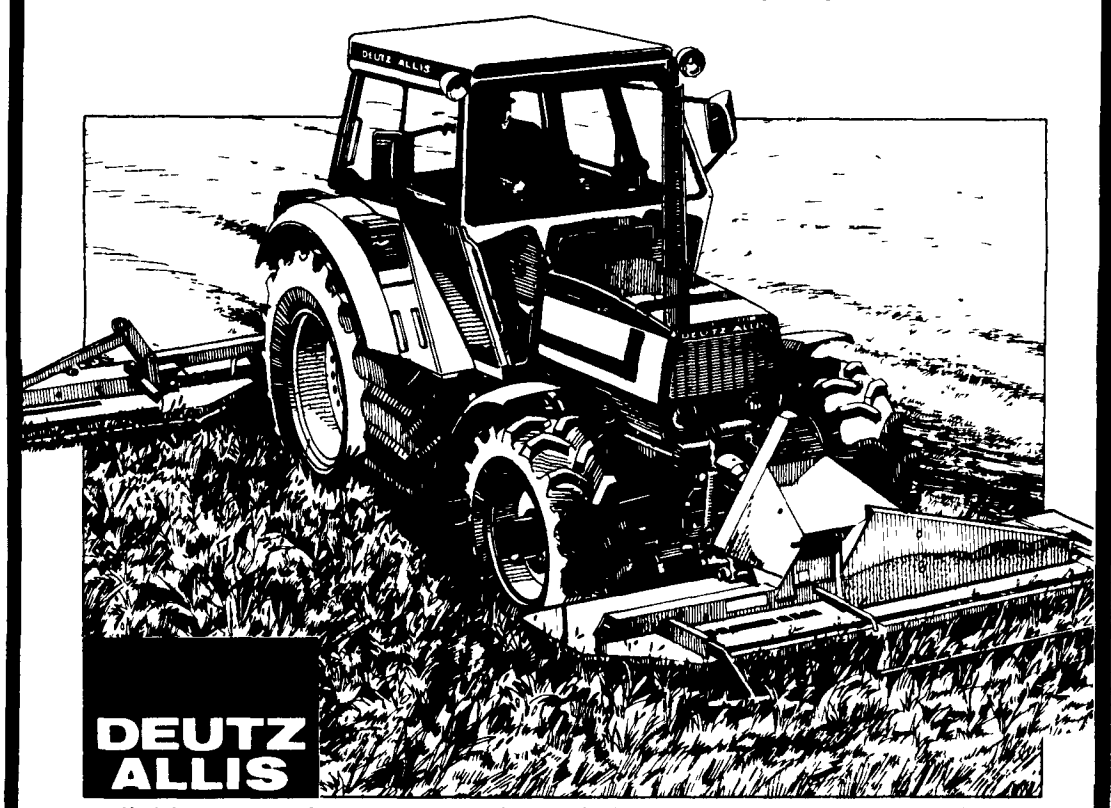

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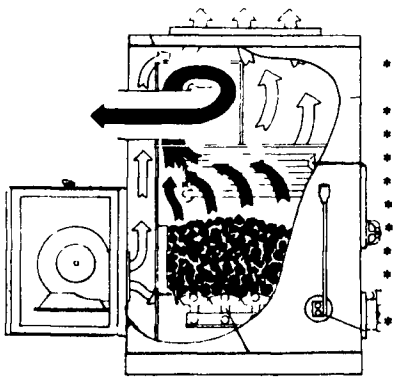

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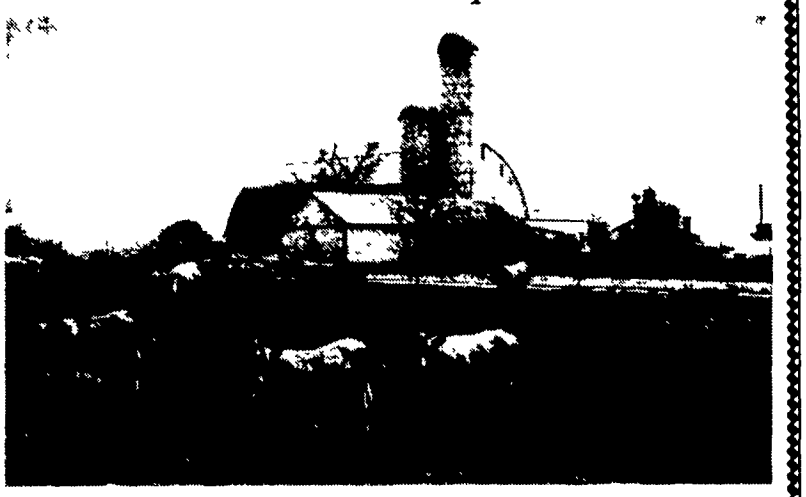

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Brockett's Ag Advice

By John E. Brockett
Farm Management Agent
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Tax Changes For Farmers

There were a few tax law changes specifically aimed at farmers. Most of them will not affect the majority of farmers. A few will cause some trepidation until they get more fully explained.

1. **Pre-payments** of farm expenses will still be permitted. The restriction will probably affect very few full-time farmers who have been in business for more than a year. The new law puts a limit on the percentage of total expenses that can be pre-paid in relation to the total operating expenses of the farm. The limit is 50 percent. The law goes like this: Cash basis farmers (most of you) who buy supplies ahead in one year for use in future years can not pre-purchase supplies valued at more than 50 percent of the total deductible farm expense, excluding the pre-purchased supplies, but including interest and depreciation. This rule went into effect as of March 1986. I do not see this one causing any adverse effect for most farmers. However, it will probably be something IRS auditors will carefully examine for those with some year-end payments for supplies.

2. **Deductibility of conservation expenses** will now be limited to expenditures for practices approved by SCS.

3. **Discharge of indebtedness** for a farmer by a nonrelated party will no longer be taxable to the farmer regardless of whether the farmer is solvent or insolvent. That should help some of the hard-pressed young farmers.

4. **A special feature** has been put into the new bill just for the dairy herd buyout people. The 60 percent long-term capital gain exclusion will be available for them until next September for cows sold under the USDA contract.

5. A potentially troublesome feature of the new law for farmers is the **pre-productive expense** rule. If the pre-productive period is more than two years, the expenses will have to be capitalized (set up as depreciable expenses or deducted from the sale price). For the most part this would cause farmers to pay some extra taxes in the first few years the law was in effect. Over the long haul the tax consequence would be minimal unless capital gains exclusion comes back into the picture. The biggest burden would be record keeping. There is an exception that takes away the tax burden in the first few years, but does not eliminate the record keeping. Hopefully, Congress will include some easements of this rule in the inevitable technical corrections. Of course, we do not know what constitutes the pre-productive period.

Depreciation

Depreciation has become more complicated with even fewer options than under the previous law. There are more categories. The majority of farm assets will be in the 5 year category as before and the new 7 year category. Cars and pickup trucks have been moved from the 3 year category to the 5 year category. Single purpose agricultural structures have been placed in the new 7 year category and may eventually be moved to the 15 year category.

The new depreciation does give generous writeoffs the first few years using declining balance then switching to straight line. The alternative to the pre-set depreciation tables is a longer period straight line depreciation. The alternative depreciation rate will be set by the old "Asset Depreciation Ratio" that was established years ago. I could not find any reference to the type of depreciation that would be allowed for transactions between related parties.

Up to $10,000 of depreciable property will be permitted to be written off in the year of purchase each year. This is an increase from the present $5,000.

One potential tax trap is the rule that if you purchase more than 40 percent of your total depreciable property, except buildings, in the last 3 months of the year, you will have to depreciate all of the depreciable items purchased that year by the quarter purchased rather than by the usual half year. Example: Plow purchased for $2,500 in July, combine purchased for $25,000 in September, and tractor purchased for $20,000 in October. The present depreciation schedule would give you depreciation for all three items as if purchased on the first of July or a half year. The new rules say you can not do that because more than 40 percent of your purchases were in the last three months. The plow is okay. The combine would get 4.5 months depreciation instead of 6 months and the tractor would get 1.5 months instead of 6 months. I could not find out what would happen to items purchased in the first two quarters under this circumstance.

CAUTION: None of the new depreciation rules affect purchases made prior to January 1, 1987.

Investment Credit Carryover

Any investment credit carryover you have in 1987 will be reduced by 17.5 percent. If you still have some left in 1988, it will be reduced further by another 17.5 percent. If you paid income taxes in the past 15 years you may be able to get some of the carryover credit back as a refund.

Tax Meeting Set For Northumberland Co.

SUNBURY — Tax preparers, farmers, homemakers, and other interested individuals can secure information about federal income tax at the 1987 income tax area meeting to be conducted in Lewisburg on Tuesday, Jan. 20. According to Vernon Brose, Northumberland County Extension farm management agent, discussion of recent changes in tax law should make this year's meeting very informative.

The topics covered at the meetings will range from a look at new developments to a review of important tax principles. The program will include a discussion of recent changes in tax law, deducting expenses for business use of autos and pickups, taxes and financial distress, a review of several practical tax filing exercises, and more.

Starting time for the income tax meeting is 9 a.m. The session will end at about 4 p.m. The meeting will be held at the Country Cupboard Restaurant, North of Lewisburg on Route 15. The registration fee is $25 per person including lunch and reference materials to be used during the day.

Guide, may be purchased for a small extra fee.

The registration deadline is Jan. 1, 1987 and persons registering after that date will be charged a late registration fee of $5.

A brochure/registration form and more information about the one-day income tax meeting is available at the Northumberland County Penn State Cooperative Extension Office.

Farm Tax Guide Available

SUNBURY — The Northumberland County Cooperative Extension Service announced today that Farmer's Tax Guides are now available at the Extension Office, 4th Floor, Human Services Building, 370 Market St. Sunbury. Tax guides will also be available at the ASCS Office, Route 61 Sunbury and many Agri-businesses throughout the county.

Farmers are urged to pick up a copy of the 1986 Farmers Tax Guide. "It is one of the best sources of tax information available," said Vernon Brose, Northumberland County Extension Agent.

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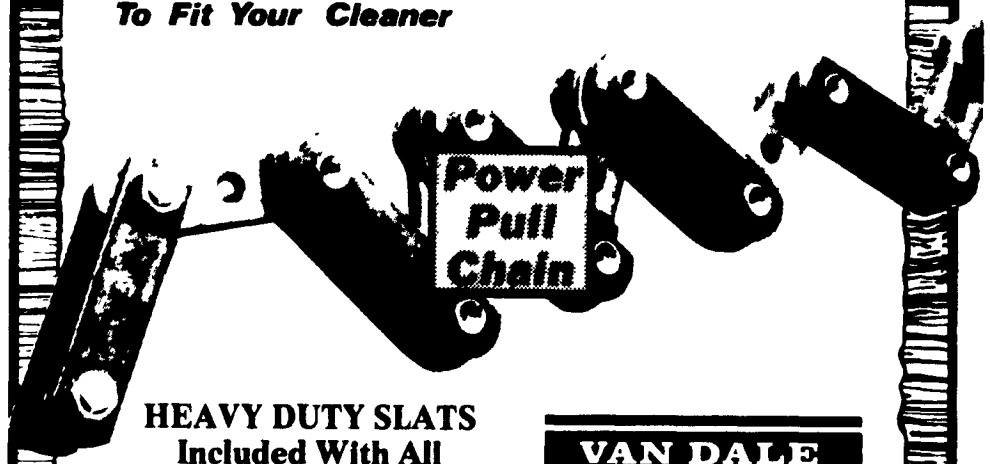

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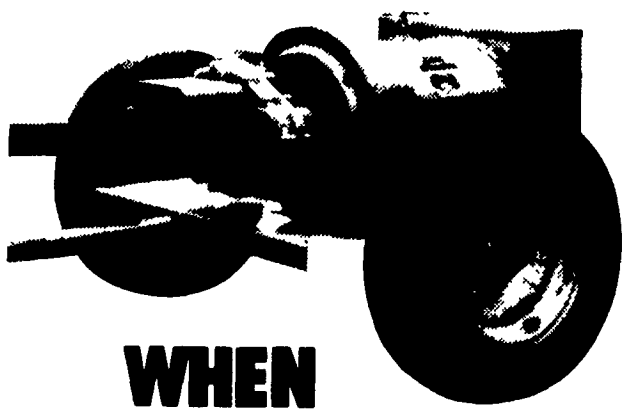
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Sharpening Investment Skills Brings Profits, Says Deere Economist

MOLINE, Ill. – Knowing how to analyze long-term investments is a key to survival in farming, according to Jerry Saylor, Director of Market Economics for Deere & Company.

"Analyzing investments translates into making your money work for maximum profit," Saylor said.

"Focus first on the goal of increasing the value of your investment dollar. A farmer should establish this goal before worrying about the technical or management details of any potential investments.

"When looking for places to put money to work, a farmer can obviously invest in his own farming enterprise. But he has non-farm opportunities as well and shouldn't limit his thinking only to expanding or improving his own operation.

"The wise investor always looks at the available options, then chooses the most profitable. If the best alternative is right on the farm, that's obviously the way to go. If not, a farmer should put his money elsewhere. Don't be afraid to branch out into new areas.

"Two key factors should guide any investment decision," Saylor advised. "Those factors are profitability and risk potential.

"Simple enough, but how can you really determine the profit potential of an investment? To do it, you have to come up with an index of profitability. In general, that involves two key principles: 1.) Pick early benefits over late benefits; 2.) pick greater benefits over smaller benefits.

"Again, this seems elementary," Saylor said, "but then how do you measure these factors? What are the yardsticks, the financial calipers that will do the job?

"What seems to cause the most confusion is measuring the time value of money. We all know about interest, and we are aware that a dollar in our hand today carries a value that's different from the promise of a dollar in our hand one year from now.

"This has to be considered when making a long-term investment. One of the methods of doing this is using what economists call the Internal Rate of Return (IRR).

"The Internal Rate of Return is a calculation that compares present value of benefits to present value of costs. Ask yourself what percent of profit you want on your investment and the IRR calculations will show you whether they can be reached or exceeded.

"Until recent years," Saylor said, "the disadvantage of IRR calculations was their complexity. Determining the Internal Rate of Return on an investment was a difficult time-consuming task. Today, there are pocket calculators that can handle this problem. A small computer makes the process even more flexible and useful. With a computer you can quickly compare many different actions.

"Don't assume, though, that all of this is automatic. It's not. You still have to know how to do cash flow projections, discount money, and make accurate financial assumptions about how the investment is likely to perform over the payback period," Saylor said.

"This brings me to the second criterion for judging investments—that is risk potential. If you put your money into a bank Certificate of Deposit or similar financial instrument, you are guaranteed a definite earning percentage over time. In contrast, if you put your money into a business venture such as a new cattle feeding facility, you are only estimating what the earning rate might be. You have no real way of knowing. Consequently, there is an element of risk involved," he said.

"There is another investment rule that farmers too often ignore," Saylor added. "If two investments show the same Internal Rate of Return, choose the one with the least amount of risk."

How do you evaluate potential risk?

"The best way is to assign probabilities to various outcomes," Saylor said. "Suppose a farming investment looks like it has three chances to five that it will give the particular return you want. On the other hand, there is a one-fifth probability that it will yield a substantially higher rate of return than forecast. At the same time, there is a one-fifth chance that the enterprise will fail and you will lose your entire investment.

"If you have logically arrived at this estimate, you then have to ask if you can afford that one-in-five chance that you will lose everything. If you decide to go ahead and make the investment, you will want to assure yourself of a higher rate of return than if there were no risk at all."

To aid farmers in thinking about these financial management issues, Deere & Company recently published a new book, ***Farm and Ranch Business Management*** for use by Vo-Ag teachers.

"We thought it would be a good, practical teaching tool for students, but farmers are also buying it through Deere dealers for their own use," Saylor said. "It's a tool that farmers find very practical."

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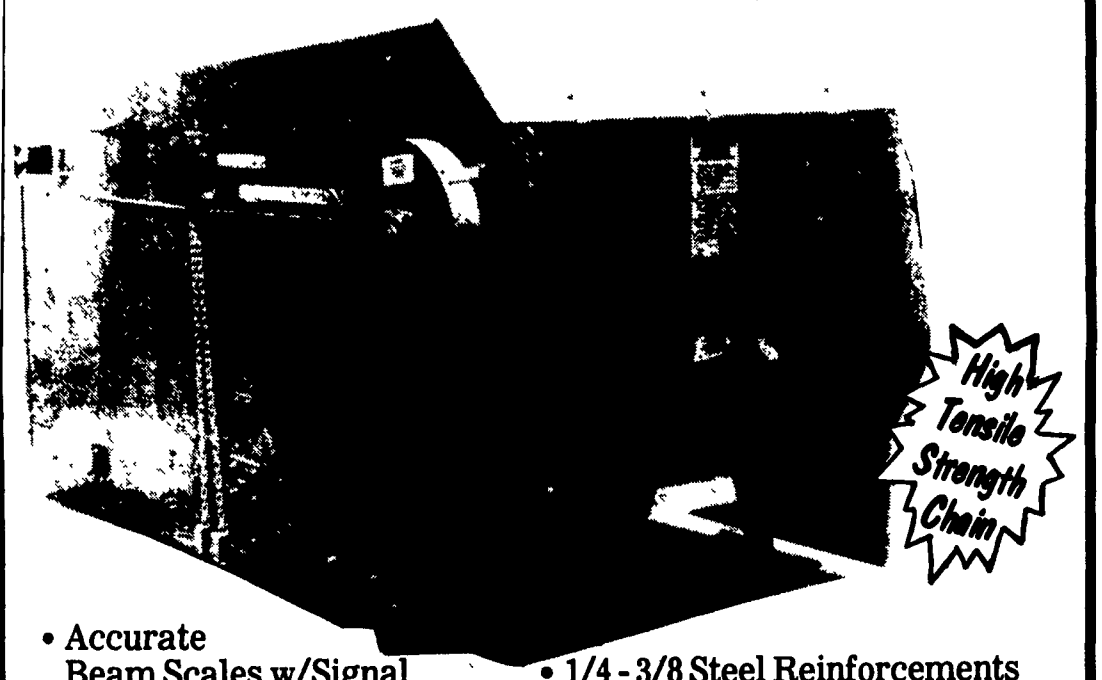

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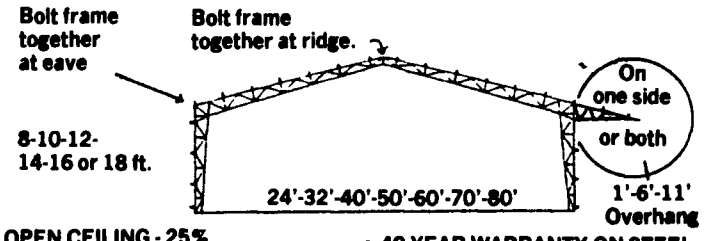

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Pesticide Perceptions Stronger But Still Unknowing

UNIVERSITY PARK, PA. — Twenty years after the publication of Rachel Carson's "Silent Spring," twice as many Pennsylvanians are concerned about pesticide use. But few turn their concern into action, says a Penn State researcher.

"People are concerned, both from a personal and environmental viewpoint, and they worry about what is in their food, but they don't necessarily take available precautionary measures," said Dorothy Blair, assistant professor of nutrition.

"The only way to be sure what chemicals are being used on your food is to grow your own or to know the grower by purchasing food from direct market outlets where the shopper can talk to the grower," she said.

"However, respondents to our Penn State survey who were concerned were no more likely than the unconcerned to use direct marketing outlets or to grow their own food. Of course these are not convenient or possible choices for everyone," she said.

Blair and Carolyn Sachs, Penn State assistant professor of rural sociology, reactivated a 1965 survey that questioned more than 1,000 Pennsylvanians on pesticide perceptions. They talked to a comparable sample of 605 people almost 20 years later.

"In 1965, consumers were just beginning their awareness. It was shortly after 'Silent Spring' dramatized the issue of pesticide residues in the environment," she said. Penn State professors Fern K. Willits and Robert C. Bealer of the rural sociology department conducted the first study.

The 1965 poll showed that only a minority were personally concerned about pesticides, and more than half were concerned about pesticides because of the potential effects on wildlife.

By the 1980s, as the use of pesticides has doubled, the environmental concern has intensified along with the human health questions about pesticide safety.

Blair said the Penn State data is in line with similar studies conducted in Washington, Kansas and Indiana, and a national survey collected by the Food Marketing Institute.

More than three-fourths of Blair's respondents are personally concerned about the possible dangers of pesticides, and as many feel there is danger to the one who eats sprayed or dusted foods.

Over the last 20 years, people have become more skeptical of governmental regulation of the food industry. "In 1965, 97.7 percent responded positively when asked if the government adequately regulates chemical use in or on food. In 1984, only 45.8 percent agreed that the government does an adequate job."

At the same time, "Food shoppers appeared to be unjustifiably optimistic about their ability to minimize pesticide exposure through washing, peeling or cooking," she said.

Washing and peeling are ineffective against systemic pesticides. Cooking has the potential to increase toxicity in some cases and lower it in others, she said. Most of the time cooking has no effect.

The thought that consumers can control their own destinies "may contribute to a laissez-faire attitude among some consumers about the continuing use of pesticides in foods." Consumers who thought washing is effective were less concerned about the impact of pesticides on their health, Blair said.

"We did not find a strong correlation between a consumer's concern and where he or she buys food." The most popular place to buy fresh food is still the supermarket, even though a minority felt that food bought there was adequately inspected.

Shoppers who felt it might be dangerous to eat chemically sprayed food did not necessarily buy their produce directly from farmers whom they could question about how the fruit and vegetables were grown, Blair said. Nor were they more likely to grow vegetables at home.

But she is confident that there is a market for foods grown with reduced pesticides. Thirty-one percent of the Pennsylvanians sampled said they were very likely to buy minimally sprayed produce even if it was more expensive.

Consumers draw the line when it comes to the appearance of the fresh foods. "Appearance counts for so much in vegetable buying. It is equated with quality and freshness," she said. "We tend to buy with our eyes."

Few shoppers would buy surface-blemished foods, she said. "Luckily, most fruits and vegetables grown with integrated pest management techniques — that reduce the need for pesticide application — can be just as perfect as heavily sprayed produce."

Delaware Announces Corn Trial Results

NEWARK, Del. — Results are now available for the 1986 University of Delaware commercial hybrid field corn evaluations. These trials are conducted annually by plant geneticist Dr. James A. Hawk and extension associate Robert Uniatowski. A report is now available summarizing results of the trials.

During the 1986 growing season, 136 hybrids were tested at three sites — the university Research and Education Center near Georgetown, the Phil Cartanza farm at Little Creek and a demonstration-research farm near Middletown.

Overall average yields for the season were 145.1 bushels per acre at Georgetown, 129.1 bushels per acre at Little Creek and 117.3 bushels per acre at Middletown. The Georgetown plots were irrigated; those at other sites were not. Yields were significantly lower than last year at all three locations because of the drought — especially hot, dry weather during pollination.

Production details and performance ratings on individual varieties tested are available in a report now being sent to Delaware farmers by extension agricultural agents. Other individuals wishing to obtain a copy of the results should contact the county extension office in Newark (451-2506), Dover (736-1448) or Georgetown (856-7303). Ask for the report, "1986 Delaware Hybrid Field Corn Performance Trials."

New Chemigation Check Valve From Reinke

DESHLER, Nebr. — A check valve for use in chemigation systems which meets safety requirements nationwide is currently being introduced by Reinke Manufacturing Company.

Check valves, which are becoming mandatory equipment for chemigation systems in an increasing number of states, effectively eliminate the risks of contaminating underground well water with chemical solutions in the event of an irrigation system "shutdown" during chemigation operations.

Reinke is marketing the check valve through its Blu Rivr Division, offering the product through both Reinke dealers and Blu Rivr distributors.

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To request literature or more information about Blu Rivr check valves, contact Jim Herder at Reinke Manufacturing Company, P.O. Box 566, Deshler, Nebraska 68340, or call 402/365-7251.

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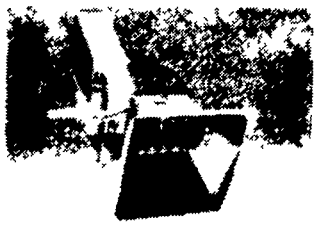

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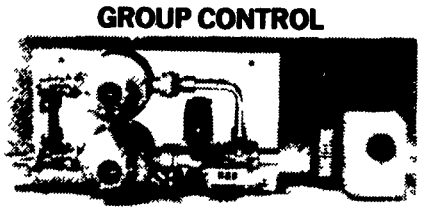

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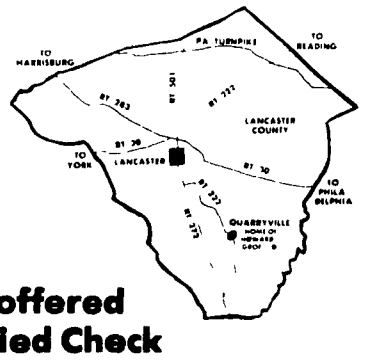

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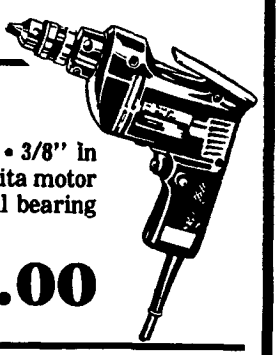
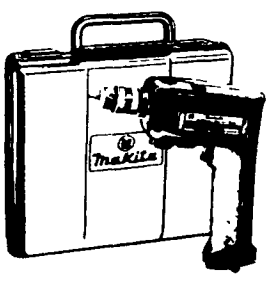


• (0-1800 RPM) for a wide range of applications • 3/8" in steel, 5/8" in wood • 2.7 AMP (115V) powerful Makita motor • Well-balanced and lightweight (3.3 lbs.) • all ball bearing construction for long tool life • double insulated

List $98.00 **$61.00**

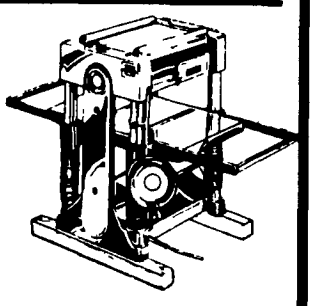
CORDLESS DRIVER-DRILL KIT 6012HDW



• 2-speed; 400 RPM or 1100 RPM for drilling or driving • drills ¼" in steel and 5/8" in wood • well balanced for easy handling • quick and easy adjustment of 5 stage torque settings • powerful 9.6V battery • kit comes with tool case, one-hour fast charger and battery.

List $188.00 **$95.00**

15 5/8" PLANER
Model 2040



• 15 5/8" width, 7 5/8" thickness planer • compact design easily transported to job site • 2 HP, 13 AMP hi-tech motor • 2 blade cutterhead makes 13,000 cuts per minute • feed rate of 29.5 feet per minute • large hand crank for easy table height adjustment

List $1930.00 **$1,195.00**

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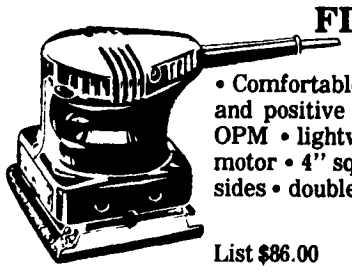
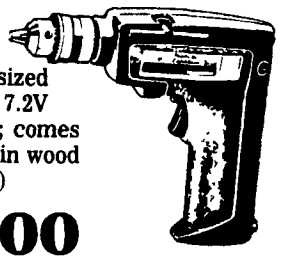
BO4510



• Comfortable palm grip design for easy handling and positive control • for heavy-duty use • 12,000 OPM • lightweight (2.4 lbs.) • powerful 1.8 AMP motor • 4" square pad for flush sanding on all four sides • double insulated

List $86.00 **$55.00**

3/8" CORDLESS DRILL
6010SDW



• super light, weighs only 2.1 lbs. • down-sized but with plenty of drilling power, 600 RPM 7.2V D.C. • built-in battery recharges in 3 hours; comes complete with recharger • drills up to 3/8" in wood and steel or drives wood screws (3/16" x ¾")

List $90.00 **$49.00**

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Yearling Dorset Ram or 2 yr Black Ram, $75. or Trade; Suffolk preferred. Sussex Co. 201-786-5508

Grey Arab Gelding, coming 3, 4 whites, pretty curious, friendly, needs a job. Dorsett Farms, Columbus, NJ. 609-298-8381

Scotch Highland bull, red, yearling, registered, champion bloodline, good disposition, use for cross breeding and easy calving. Purcellville, VA. 703-338-3608

Cooking kitchen stoves. Also room heaters, 20 sorted types of stoves to check in. William Martin, RD1, Box 387, New Holland, Pa. 17557.

1976 Chev. C-20 pickup, 53,000 miles, 2 new fenders, good tires, new inspection. Berks, E. Petersheim. 215-689-5554

50 units Ace; 50 units Andy; 70 units Milnor. Purchased from Atlantic and stored by owner. Baltimore Co., MD. 301-239-7326

Alfalfa Grass Hay, no rain, 2nd & 3rd cutting, $120. per ton. Berks Co. 717-933-4760

3 yr. old registered Sorrel mare. Isaiah S. Ebersol, 75 Hess Rd., Leola, Pa. 17540. Lanc. Co.

Acme Supreme juicer, like new, $50.; 300' dry oak lumber; Old iron fence, 18" high. Lanc. Co. 215-484-2325

Parts from 1965 Newport Chrysler, 1963 Biscayne, 1964 Nova Chevrolet. Col Co. 717-759-1506 after 4 p.m.

Bull, Polled Hereford, Grand Son of Justa Banner, Spring Bottom Farm Cow, tall, long. Mont. Co. 215-584-6975

Woods scraper blade, 3 pt., 7', heavy duty, rating up to 100 h.p., many positions, $375. Lanc. Co. 717-626-5438

AKC Collie puppies and 6 month old Collie male. Also Collie and Pomeranian Stud Service. Lanc. Co. 717-733-8770

4 yr. old horse, ½ saddle bred, ½ standardbred, green broke. Lanc. Co. 717-733-1032

NH 269 hayliner baler, used 1 farm, field ready, $950. Bedford Co. 717-784-5493

1980 Olds Custom Cruiser station wagon, wreck front, no engine parts. OBO For All. Huntingdon Co 814 447-3713

40' curb forms, $450 ; 6" steel shear, $500., 8' aluminum brake, $500., 2500 lb. scale, $800 Steel desk, $45. Dauphin Co. 717-286-5306

Girton bulk tank, 400 gallon D2, good condition, $400. Emanuel S. Esh, 4240 Redwell Dr., Kinzer, Pa. 17535. Lanc. Co.

350 Chevy engine w/4 bolt main, $200. 717-264-8814

AKC Labrador Retriever pups, males & females, both parents on premises, shots and wormed. Wyoming Co 717-833-4909

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350 diesel motor from 1980 Chevrolet; 1200 David Brown tractor Make Offer. Chester Co. 215-942-2657

1973 Ford F350 cattle truck, 11,000 GVW w/Hostetler 11' body, $2,800. Chester Co. 215-255-4536

(15) vaccinated, Grade, well bred & grown Holstein heifers, 6-8 months old. Reasonably Priced. Dutchess Co , NY 518-789-3066 after 8 p.m.

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60 acre farm, in good condition. Dauphin Co. Price Reduced. Pig & Dairy. 814-234-9069 after 6 p.m.

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Power units, 1 Wisconsin w/clutch, 1 JD w/clutch reduction. Berks Co 215-779-9089

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IH Utility 350 farm tractor, 4 cyl., dsl., good condition, 2 pt., 3 pt. hitch, live PTO, 2 dual remote hyd. Tioga Co 717-376-2264

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AC 1977 540 loader, 4WD, articulating, detachable backhoe, canopy, 4 cylinder gas engine, $12,900. Will consider trades. Arkport, NY. 607-295-7333

Owners manuals: MF to 35, 65 diesel, 130, 150, 175, 180, Ferguson 40, $10.00 each 716-554-6479

Hough 4WD loader, model HU, runs, diesel engine needs repair, $1,000. Shen. Co., VA. 703-465-8376

Border Collie pups, reg. working parents, ready Dec. 18. Bedford Co. 814-766-3449

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Water softner, like new, electric, Make Offer Daniel Fisher, RD2, Box 2426, East Earl, Pa. 17519. Chester Co.

Tractor mounted log splitter, 24" capacity, run by PTO or hydraulics. Hunterdon Co., NJ. 201-439-2304

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NI 206 ground driven manure spreader, good condition, $895. Can Deliver. Lanc. Co 717-548-2559

Caterpillar Road Grader, model 212 pony motor start, runs & operates, $2,100. Cecil Co., Md. 301-287-5277

Reg. 3 yr. old T.W. Filly, chestnut, Ish Suns Delight Merry Boy, some ground work, a real beauty, $750 Fred Co. 301-695-5781

1971 Super Beetle, rebuilt engine, low mileage, semi auto. shift, dependable, cream color, excellent upholstery, $1,500. Firm. Lanc. Co 717-394-7798.

1977 Int. diesel, 1750 series, 5+2, set up for 5th wheel trailer or would make excellent dump truck. NY State. 607-563-1994

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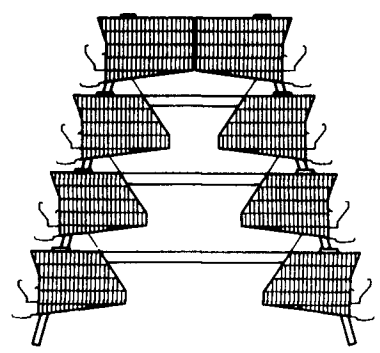

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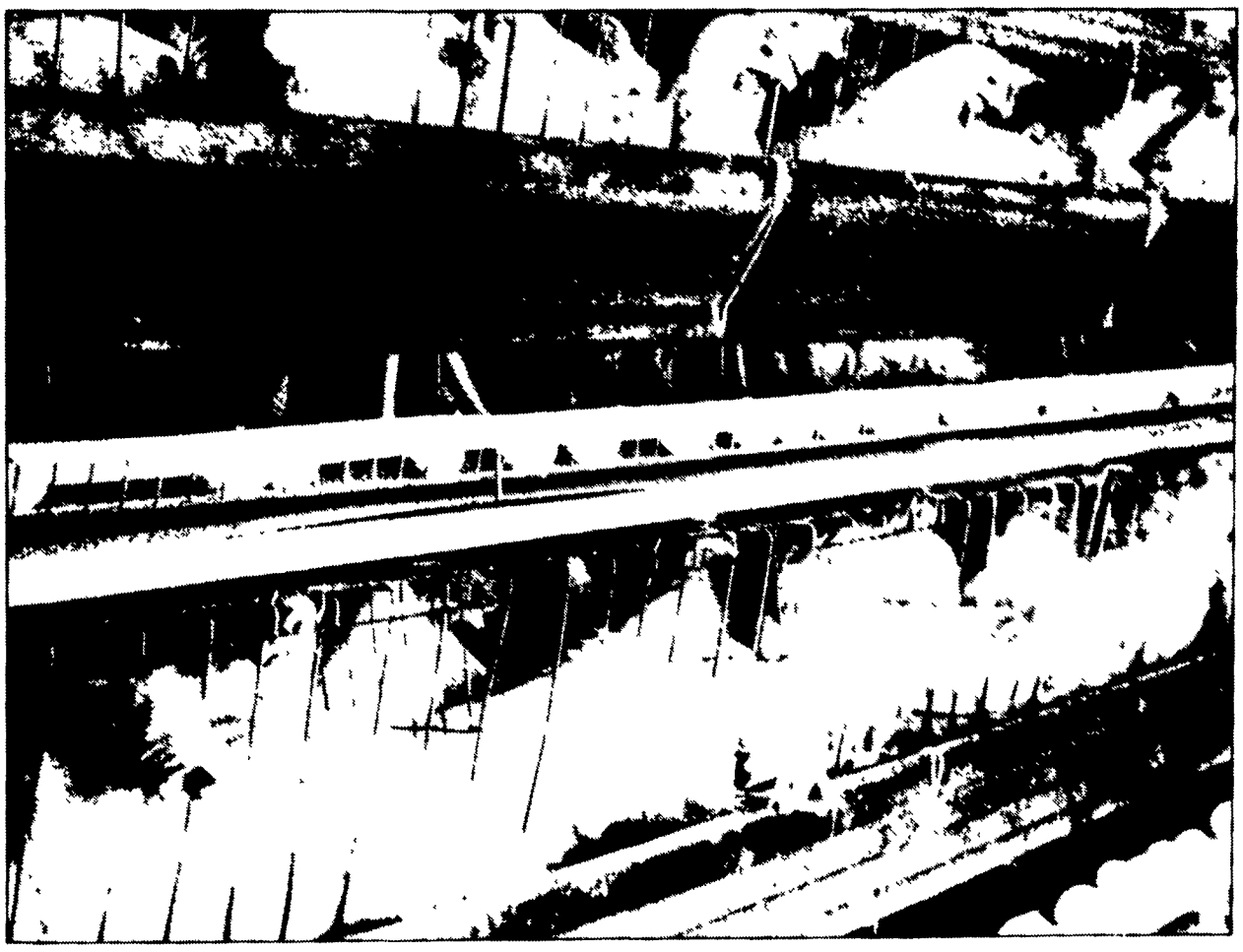

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1969 Ford XL, 390 engine, original vinyl top, seats, paint, no rust, original spare tire. Fred Co., MD. 301-473-5484

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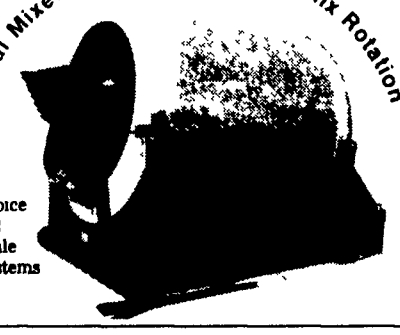

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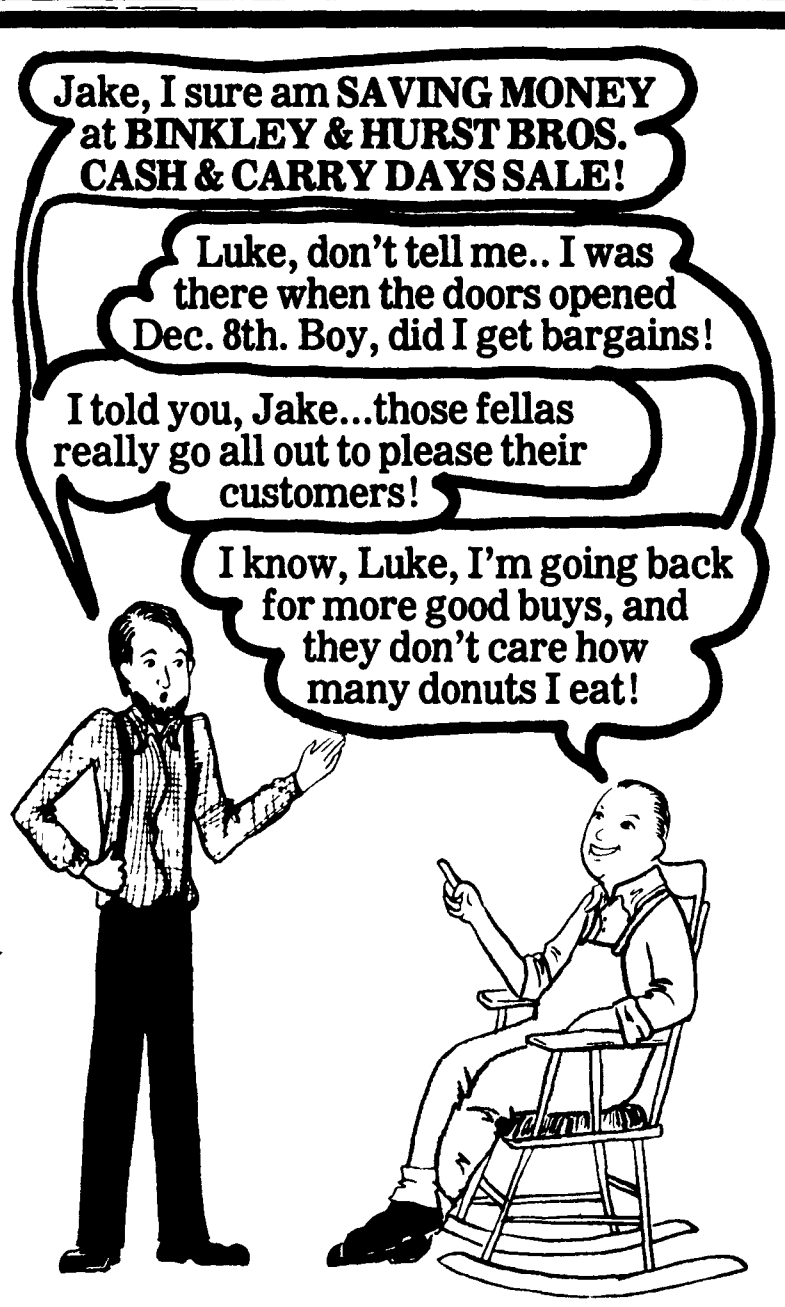
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Desk & swivel chair for farm office or student, 32"Dx58"Wx30"H. Has file drawer, $65. Cecil, MD. 301-658-5520.

Oats $1 per bushel; hay $65 per ton; firewood $35 per cord. At Farm. Dauphin Co. 717-692-2238.

Five steers, one heifer, purebred Semmintal-Angus cross av. wt. approx. 600. Club calf prospects. Berks Co. 215-689-9168.

JD Model 690 flail spreader, good condition. Lebanon Co. 717-866-4388.

4 Corriedale Ewe Lambs, born late March, 1986. Lanc. Co. 215-445-5084

Fox Terrier pups, 16 wks. old, lively, mother good ratter. Lanc. Co. 717-656-8961

1973 Chevrolet 66 passenger bus, Blue Bird body, excellent condition, air brakes, $1,800. or Best Offer. Franklin Co. 717-328-5898

12 hole wooden hog feeder, 8 hole metal feeder, and homemade metal creep feeders, 1 or all. Make Offer. Leb. Co. 717-964-2185

Inventory of 54 new tires, snow and regular tread, major brands, 20 snow retreads, $2,229.66 Lanc. Co. 215-267-6815

Black Columbian kitchen range, water jacket, warming closet, good condition, $300. Benjamin Kauffman, Star Route, Spring Glen, Pa. 17978. Dauphin Co.

Auto. bale wagon w/high sides, 16' bed. Lanc. Co. 717-653-8419 or 653-5661

1974 Jeep CJ5, 4x4, lockouts, 258 cu. in., 6 cyl., 3 spd., runs great, $1,395. O.B.O. Lanc. Co. 717-548-2559 or 717-548-3973

All Purpose Carts w/removable back and dump front, 15 and 8 cu ft. in stock. Elam Ebersol, 558 Gibbons Rd., Bird-In-Hand, Pa. 17505.

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3/4 acre lot, 3 miles East of Penn Nat'l, $15,000.; 275 Skid tank, $40.; Oil tank, $40.; Farmall Cub. Lebanon. 717-469-2413

Looking for fast buck? Here's light red, mature, gentle purebred Nubian buck for just $50. Near Fogelsville, Lehigh Co. 215-285-6804.

'76 Chevy 4x4, PS, PB, 4SP, 8600 GW, w spoke mags, 10/87 inspect., mechanically sound, needs body work. 717-898-2509 after 6,

518 NH manure spreader; JD 70 dsl., ¾ ton Chevy PU, runs great. Chester Co. 717-768-3343.

10 copies, reprint of 1855 book on farming--Rural Affairs. 355 pages, illustrated hardcover. FAscinating. $8 each postpaid. J.E. Smith, RD1, Box 54, Blain, PA 17006.

10 yr. old saddlebred gelding, 16H. Can take long trips. Alvin M. Hoover, RD3, Box 608, Hahnstown Rd., Ephrata, PA 17522.

25 Sex Sal link pullets, just starting to lay. Amos Z. Hoover, R1, Box 261, Denver, PA 17517 Lanc. Co.

10 set used clipper blades (sharp), 83-84, $6 each; 2 set 90-99 new, $8 a set. J.S. Stoltzfus, RR2, Airville, PA 17302-9802.

Five butchering hogs, 300-400 lbs. Jacob K. Stoltzfus, RD1, Strasburg, PA. 17579. Lanc. Co. Eisenberger Rd. at White Oak Coach Shop.

JD H tractor. Franklin Co. 717-263-0991 or 263-5588.

MOBILE HOME FOR SALE: 12'x55' Challenger, approx. 10 yrs. old. Must be moved. $2,800. Lanc. Co. 717-367-0708.

NH 362 flail tank spreader; NH Super 717 chopper; Ontario grain drill. Berks Co. 215-683-6278.

National gas space heater, 160,000 BTU natural gas, $350; 30 gal. Rheem water heater. Carroll Co. 301-848-5587.

10 ton alfalfa hay, 3rd cutting, $120 per ton. Also 5 tons mulch hay. Berks Co. 717-933-4831.

Cute and cuddly AKC Cocker Spaniel pups. Just in time for Christmas. Black or buff colored. $100. Perry Co. 717-438-3205.

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Clean used I beams and H beams, various lengths, 6 to 15" widths. Good's Auction, Lanc. Co. 717-656-8911.

Arabian gelding, 6 yrs., 15½H, very gentle, good mover, $1,500. Bay will hold till Xmas "Flashy". Berks Co. After 4PM, 215-845-3707.

Three ram lambs, good bloodlines for breeding or butchering. Price reasonable. Also tractor chains. Berks Co. 215-926-4436.

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Clean corn fodder, corn silage (50 tons) from plastic covered trench. Can deliver nearby. Chester Co. 215-593-6390.

Alfalfa hay by the pickup load. Also timothy. NH #36 flail chopper, $250. Lanc. Co. 717-665-5116.

Timber Eze wood and coal boiler, like new, $800, older boiler, $150. Lanc. Co. 215-445-6976.

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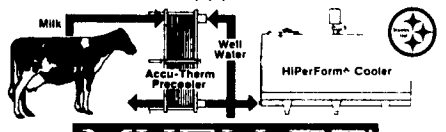

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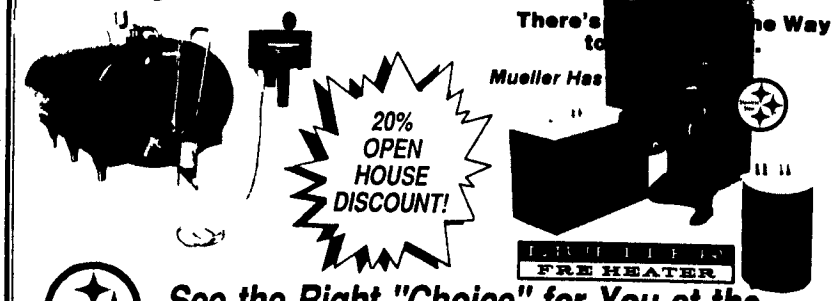

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AC HD5 dozer, 271 Detroit, 90% undercarriage, recent overhaul, remote PTO, 24HP Pasquali 4WD, 3PH, PTO, loader. York Co 717-927-6564 eves

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Barn beams, 10x10, 10 to 50' long, 5 Surge milk buckets, 1½" glass milk line. Lycoming Co 717-998-9638

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32x64 Hog house w/equip Must be moved. Reasonable offer 717-367-3820.

New 16' Tandem Axle Trailer. 7,000 GVW, elec. brakes, 15" wheels, 2" plank floor. List price $1990. Will sell, $1490 717-273-7394.

MAILBOX MARKET WANTED

JD 950 tractor, prefer w/loader and turf tires; also need small 3 pt sprayer Perry Co 717-582-4147.

Litter Carrier, good tub. State price condition. Christian G. Esh, 364 Osceola Mill Rd, Gordonville, PA 17529 Lanc Co

Good used veal mixer Raymond W Shirk, RD3, Box 531-A, Ephrata, PA 17522.

Corn sheller and apple peeler. Write: D Eisensmith, RD1, Mt. Wolf, PA 17347.

Cut offs of ¾ pine or ½ plywood, also 2x6 fir or spruce. Will haul & pay Leb 215-589-4773.

Used hot water house radiators, dipper cylinder for Case 530 backhoe, front axle for late JD A Cambria Co 814-247-6511 or 948-5549.

Used LT40 wood mizer bandsaw mill, good to very good condition. Dauphin Co 717-469-0782.

High pressure, high volume piston pump Lanc. Co. 215-445-5969

Airdale terrier, 90 lb male Lee R Bryant, Ancramdale, NY 12503 518-329-3835

Late model 400-500 gals., pull type crop sprayer Also Tye no-til drill. 717-249-2300.

Beagle dog trained for hunting rabbits. John Lloyd, 205 Woodcrest Rd., West Grove, PA 19390. Lanc. Co. 215-869-2078.

New or used leghold traps, any size or style Call 215--582-1834 after 4:30 Ask for Pat Sat or Sun.

Dearborn economy plow or small 2 bottom plow for 8-N. Montg. Co. 215-287-5370 after 5pm.

Case model R RI tractor, any condition 301-834-8480 eves.

Five acres land for house and horse barn. Must be convenient to Lancaster and Hersehy. 717-274-0388 Keep trying

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Myers or Clay combination mower conditioner. 814-625-2356

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#43 JD corn sheller, PTO, must be in good condition. William D. Hutt, Perkiomenville, Pa. 18074 Montgomery Co 215-754-6226 Evenings.

Timothy Hay, no rain, 3 tons, delivered. Southern Chester Co., Nottingham, Pa. Call w/price. 215-932-5289

Bobcat skid loader, 600 or 700 series; H&S metal thrower wagon; Small dozer w/wench. Indiana Co. 814-749-8489

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One good used 14-38 tractor tire, also one good used 11-28 tractor tire Write, R6, Box 188, Manheim, PA 17545.

Old lift top farm table or small tables w/one drawer. Box 21, Lititz, PA Lanc. Co. 717-626-7854

Ford 501 or MF 7' mower; 16' flat bed wagon. 717-469-2897. Paul E Shelahamer, 953 Shelahamer Lane, Harrisburg, PA 17112

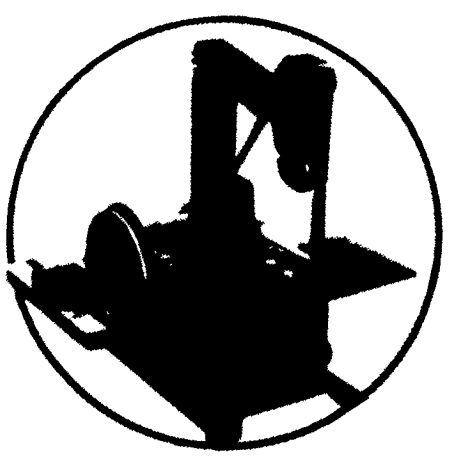
LP air shop heater, overhead garage door, 16Wx12H. Montour Co 717-437-2212.

Collets or end mill holders w/#9 brown and sharp taper for a milling machine. Dauphin Co. 717-692-2493.

Foley Belsaw 1050 sharp-all; new bushel boxes for sale. Henry R. Blank, 228 Maple Shade, Christiana, PA 17529. Lanc. Co

Red clover hay, 1st cutting, only must be fancy, no mold, no musty smell. 804-293-9012 Va.

• CRAFTSMEN! •



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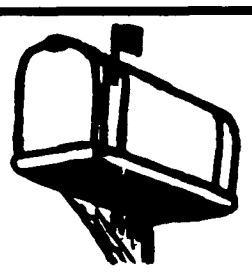

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FOUND Good black leather glove, along Weaverland Rd Can be picked up at Allen Hoover, RD2, East Earl, PA 17519

LOOK! I buy old penny banks, tin/metal mechanical toys, games. Anything old! Box 5301, Lanc., PA 17601 717-560-0639 eves

Rent horse stalls; also ½ farm house, short term. Amos Smucker, R3, Box 70, New Holland, PA 17557

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50 level acres, for rent, fruit vegetable crop w/3 bedroom house, gas heat Will consider partnership. Indiana Co. Write Only To Farm, RD1, Box 251, Rossiter, Pa. 15772.

AKC stud service for St. Bernard also for sale Great Pyreenes male, $75, yellow lab male, $20. Lanc. Co. 717-548-3814.

Registered Angus bulls, heifers, large frames, excellent pedigrees. Rosebrook Farm, RD1, Box 41A, Keedysville, MD 21756. 301-432-8870.

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Sale Reports

A Public Sale of real estate and antiques was held December 6 by Alverta M. Lausch at 211 and 215 Lincoln Ave., Ephrata, Lancaster Co., Pa. There were 270 registered bidders at the sale.

The two sale tracts included a two-apartment house with detached 3 car frame and block garage at 211 Lincoln Ave. and a 2½ story frame house with detached 2 car frame and block garage at 215 Lincoln Ave. The properties were both sold for $87,500 to Jerry Ingham of Ephrata, Pa.

Other prices included: antique corner cupboard $1900, sterling silverware service for 8 $875, calendar mantle clock $725, decorated child's chair $475, 3 antique quilts $400, $400 & $295, 2 blanket chests $160 & $450, 7 pc. maple breakfast set $270, mahogany Governor Winthrop desk $425, washstand $250, oak dresser $170, oak wardrobe $155, Fostoria punch bowl $240, flow-blue platter $82.50, flow-blue butter dish $92.50 and a set of 12 flow-blue butter chips $135.

The auctioneers were T. Glenn and Timothy G. Horst.

XXX

A Public Sale of cars and household goods was held December 6 by Richard and Betty McGarvey at the Schoeneck Fire Hall along the Schoeneck to Cocalico Road, Lancaster Co., Pa. The sale was well attended by a crowd of 300 registered bidders.

Some prices received were: 1978 Oldsmobile Cutlass $1500, rebuilt 1965 Ford Falcon Futura $1750, 59 pc. Fostoria glassware set $220, cuckoo clock $160, gun cabinet $230, sofa $210, projector $106, upright freezer $150, glass basket $40, set of President spoons $60, four silver dollars dating from 1878 to 1885 $35 each and 1911 2½ dollar gold piece $230.

H.H. Leid Auction Service conducted the sale.

XXX

A Dispersal Auction of butchering equipment and store fixtures was held December 4 by Mr. and Mrs. Ronald Smith of Smith's Quality Meats, 2314 West Market St., York, Pa. The sale was very well attended.

Some prices included: Hobart band saw $700, Koch smokehouse $750, large aluminum water sausage stuffer $1500, large Hobart 10 hp. meat grinder $400, Hobart 3 h.p. meat grinder $500, Hollymatic hamberger patty machine $975, Globe meat slicer $475, scales from $50 to $200 each, 12' deli case $190, square butcher block table $200, stainless steel butcher tables $200 to $350 ea., foot operated stainless steel sink $75, Hobart track scales $500 and power shop hoist $180.

Sechrist's Auctioneers conducted the sale.

Public Auction Register

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DECEMBER

SAT. DEC. 13 - 85 Holsteins, Dairy & Farm Eq. Cecil Mason, Ferrum, VA (Near Rocky Mount). Ownby Auct. & Realty Co., Inc.

SAT. DEC. 13 - 9AM Public Auction Antiques & Collectibles located at the former White Horse Fire Hall, along Rte. 340, (the old Phila. Pike), east or Rte. 897 in the Village of White Horse, Salisbury Twp., Lancaster Co., PA. Terms by Ralph V. H. Wood & Edith T. Wood. T. Glenn Horst, Auct.

SAT. DEC. 13 - 9AM Total contents and removable architectural features of The Third Presbyterian Church, E. Jersey St., Elizabeth, NJ. Jack Wootton, Auct.

SAT. DEC. 13 - 9:30AM 67 Acre Farm, Farm Eq., Antique Automobiles. 396 Trail Rd., Elizabethtown, PA, Mt. Joy Twp., Lanc. Co. At Elizabethtown Square take E. High St. (Elizabethtown/Manheim Rd.) approx. 4 mis. to Trail Rd. (Drumhellers Garage), go north to sale. By: Aufton Seward. Raymond Miller, Rufus Geib & Jim Hershey, Aucts.

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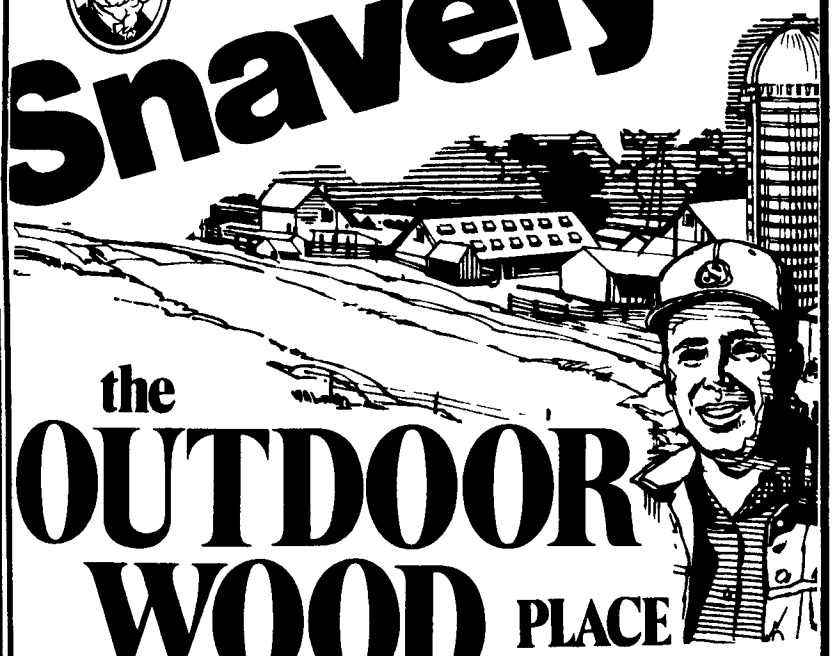

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of each week s publication

SAT. DEC. 13 - 9:30AM Surplus Used Office Furniture & Eq. 4 mis. E. of Lancaster off Rt. 340 at 219 Witmer Rd. Rear of Lapp Electric, Inc. Keller Aucts. Claude F. Bechtold & Harold K. Keller, Aucts.

SAT. DEC. 13 - 9:30AM 16th Farm Mach. Consignment Auction. Jim Trout's Farm, 10104 Dublin Rd., Walkersville, MD. From Frederick, MD, take Rt. 15 N. approx. 5½ mis. to Biggs Ford Rd., turn right go approx. 1½ mis. to Dublin Rd., turn left, approx. 1½ mis. on left. Trout Auctioneers, Inc.

SAT. DEC. 13 - 10:00 a.m. 322 Miller St., Strasburg Boro, Lanc. Co. Garage Equip., Tools, Tractor, Antiques & Household Goods. Owner: Paul A. & Esther I. Herr. Auctioneers: Alvin Miller & Elvin Siegrist.

SAT. DEC. 13 - 10AM Agricultural & Masonry Eq. & Supplies, Classroom Furnishings, 1972 BMW, 32' Trailer, Livestock & Chicken Outbuildings. Western Montgomery Vo-Tech School, 77 Graterford Road, Limerick, PA. Approx. ¾ mi. off Rt. 422. Ken Reed, Auct.

SAT. DEC. 13 - 10AM HH, Antiques, 16' Run-a-bout w/65HP Evinrude Motor and Trailer. Local Estates and From the Inn at Mitchell House and Others. At Rudnick's Sales, Rt. 213, Galena, MD. Harry Rudnick & Sons, Inc.

SAT. DEC. 13 - 10:30AM Farm Mach., Cattle, Trucks, Tools. Gaylan Angus Farm. PA Turnpike Exit 23 (Downingtown). Follow Rt. 100 S. 2 mis. to Rt. 113. Left on Rt. 113 then 5.5 mis. to Western Rd. (5 mis. S. of Phoenixville) on right. Follow Western Rd. 8/10 mis. to farm on left. East Pikeland Twp., Chester Co. By Order of: Dr. Hugo Rodriguez. Whitford Sales Co.

SAT. DEC. 13 - 10:30AM 76 Herefords--31 Registered. Located Dr. Sanford's farm at Stormville, NY. From the N. take Rt 55 out of Poughkeepsie to Poughquag then W. on Rt. 216 to the auction. From the W. take Rt. 84 to Exit 12 (Rt. 52) E. to Rt. 216. Ordered by: Farm Credit Services of Central NY. Garrison Auct & Realty Assoc.

SAT DEC. 13 - 11AM Farm Eq. Between Fleetwood & Lyond, Berks Co , PA. From Rt. 662 in Fleetwood take the Fleetwood Lyons Rd., E. approx. 2½ mis. Terms by: Joe & Joanne Ruth. Horning Farm Agency, Inc., Aucts.

SAT DEC. 13 - 11:30AM Antiques & HH Goods. 3 mis NW of Oxford, PA, on Park Rd. from Rt. 272 to W. on Lees Bridge Rd. to Park Rd. left. Elba H Smyth, Owner. Steve Petersheim and Steve Jr., Aucts.

SAT. DEC. 13 - 12 Noon Farm Machinery and Harvestore Silos. Take Rt. 307 W. from Clarks Summit, approx. 2 mis. turn left to Newton Ransom and turn left just past Newton Ransom Fire Hall. Charles & Diane Miller, Owners. Bill Mead, Auct

SAT. DEC. 13 - 1PM 2 Farms-Log House-Prime Land-Poultry House Complex. Take Rt. 30 W. of Lancaster to Rt. 441 (before river) turn right on 441 N. approx. 10 mis. to Keener Rd. turn right approx. 1 mi. to property. Conoy Twp., Lanc. Co. Terms by: Charles W. & Joanne M. Brooks. Kreider, Kline & Good, Jr., Aucts.

MON. DEC. 15 - 10AM Consignment Auction of Farm Eq. & Related Items. Auction Barn in American Corner, MD, on Hwy. 621 between Federalsburg, MD, and Denton, MD. A. Curtis Andrew Auct. Inc.

MON. DEC. 15 - 11:30AM 48 Holsteins, Farm Eq., Corn Silage, Hay. For: Abram & Gerald Estell, 2 mis. NE of Hamburg, NJ. From light in center of town, take Rt. 23 S. 1 mi. to Rt. 517 N., 1 mi. to farm. 15 mis. E. of Newton, NJ. Col. Fred R. Daniel Aucts., Inc.

TUES. DEC. 16 - 9AM Grounds Maint. Equip. & Truck Auction. 4 mis. W. of West Chester, Chester Co., PA, on Rt. 162 at Barry & Lucky Rds., Marshallton Village. By: Four Seasons Ground Maintenance. J.M. Boswell, Auct.

TUES. DEC. 16 - 10AM Farm Mach., 3 Tractors, 1973 Ford PU, Tools, Furnishings. For: David & Jean McClure, Ralph A. Alderfer Estate, 2121 N. Wales Rd., Montgomery Co., Lansdale, PA. (Between Morris Rd. & Rt. 73). Sanford A. Alderfer, Inc., Aucts.

WED. DEC. 17 - 9AM Holstein Herd, Farm & Milk Eq. Lanc. Co., 9 mis., E. of Lancaster City, 2 mis. S. of Rt. 23 along Rt. 772, Newport Rd. Owner, John K. Stoltzfus. Steve Petersheim & Steve Jr., Aucts.

WED. DEC. 17 - 2:30PM Dispersal of 52 head of Lancaster County Herd at New Holland Sales Stables. Consigned by: Shady Lane Dairy Sales, Inc. Glenn D. & David L. Fite.

WED. DEC. 17 - 7:30PM Annual Christmas Sale of 175 Head of Reg. & High Grade Holsteins at Shady Lane Dairy Sale, Inc., ¼ mi. W. of Quarryville off Rt. 372 on Oak Bottom Rd. Shady Lane Dairy Sales, Inc. Glenn D. & David L. Fite, Owners.

SHORT NOTICE

PUBLIC AUCTION

132-ACRE FARM

MON., DECEMBER 29, 1986

Auction Time: 1:00 P.M.

Located along Harvest Road, Elizabethtown, Pa. From square in E-town take East High St. (E-town—Manheim Rd.) Approx. 4 miles to trail road. Turn left ½ mile to Harvest Rd., turn right on Harvest to property on right. Mt. Joy Township, Lancaster County, Pa.

Tract No. 1: 55 Acres, 38 Tillable Pasture with Stream

DOUBLE 2½-STORY SANDSTONE AND FRAME DWELLING. Side No. 1 contains kitchen w/built-in cabinets, large living room, dining room, 1½ baths, 3 bedrooms. Side No. 2 contains kitchen, living room, dining room, 3 bedrooms, bath. Each side has its own oil fired radiator furnace.

Large Bank Barn

Set Up For 150 Steers & 150 Hogs; 20'x65' Stave Silo with Unloader; 60' Taperboard Feeder & Bunk; All Stables are Concreted.

Large Tobacco Shed

W/Cellar and Stripping Room.

4-Car Block Garage

W/Workshop; Corn Barn w/2 Cribs; Macadem Drive; Well & System.

Tract No. 2:

Approx. 44 Acres, Mostly Tillable, w/A Few Acres of Woodland.

Tract No. 3:

Approx. 33 Acres Farmland w/Some Woodland, Pasture w/Stream.

NOTE: THESE TRACTS TO BE OFFERED SEPARATELY, OR AS ENTIRETY. Total Road Frontage Approx. 1 Mile. A Very Nice Lancaster County Farm w/Amish Living Within 4 Miles. All Herein Information Is Believed To Be Accurate But Is Being Used For Advertising Purposes Only.

TERMS: 10% Down Day of Auction. Balance at Settlement on or Before April 1, 1987. If in need of assistance to obtain financing, or need transportation to see property, call Paul E. Martin, 717-733-3511.

OPEN HOUSE: Saturday, December 20th & 27th from 12:00 Noon to 3:00 P.M., or by appointment, call 717-665-3585. Balance of farm may be seen anytime.

Conditions of Sale
By Paul S. Diehm

Auction By:
LLOYD H. & KATHRYN H. WENGER
Phone 717-626-5397

Auction Conducted By:
J.&P. AUCTIONS
Paul E. Martin, Auct.
AU-001601-L
Ephrata, Pa. 717-733-3511
John D. Stauffer, Auct.
AU-001509-L
Lititz, Pa. 717-665-5099

ABSOLUTE AUCTION

for

ABE COTLER - CLEARVIEW FARMS

2 mi. S. of Pole Tavern Circle. One of the show places of Salem County. Rt. 77 Upper Pittsgrove Twp., Salem County.

WED., DECEMBER 17, 1986

AT 11:00 A.M.

A beautiful gentleman's farm suitable for horses, cattle, grain, vegetables, country club, golf course or development. 647.76 acres, 450 tillable, 120 acres in permanent pasture, 3 lakes. Several thousand feet of frontage on both sides State Highway 77, bal. on 4 hard-surface county roads; (30,190' Total).

Beautiful large modern home (5 bedrooms, 1½ baths, elevator, etc.) plus modern rancher both recently renovated. Ample outbuildings, tillable land leased at $110.00 per acre per season. Located 30 miles from Phila., 45 miles from Atlantic City, 12 miles from Del. Memorial Bridge.

This farm will be sold in parcels and total.

Inspection - (609) 358-4471

TERMS - 10% Down - Certified Check, Cashier's Check or Bank Letter of Credit, Settlement 45 Days or Less.

Attorney - Arthur Abramowitz
Auctioneer - Melvin E. Sickler
(609) 629-6446

DONALD AND SHIRLEY ALBERT

FARM MACHINERY AUCTION

MONDAY, DEC. 22, 1986

11:00 A.M. RUSHVILLE, NEW YORK

Sale to be held at the farm on Townline Road, 1 mile east of Rt. 364 or take Railroad Ave. off Rt. 245 in Village of Rushville, ½ mile to farm, 10 miles south of Canadaigua.

Having decided to discontinue farming will sell:

IHC 4366 4 wheel drive turbo tractor, very good cond.; Farmall 806 diesel tractor, needs new block; Farmall 706 gas tractor, single wheel, front bad; AC D15 tractor with AC 47 hyd. loader and bucket; Farmall Super H tractor live hydraulic; JD 40 tractor; JD A tractor, for parts; JD 6600 diesel combine, hydrostatic, only 2000 hrs., JD 443 4 row narrow corn head, 14 ft. grain head, straw chopper, purchased new, very good cond.; AC 60 pull combine pto, for parts; 1964 Ford 850 10 wheeler truck, 22 ft. steel deck, grain rack, twin cylinder hoist; 1955 Ford F800 truck with 16 ft. steel deck, grain rack, hoist; Tox-O-Wik 570 pto grain dryer, works well; GT 360 grain dryer, pto, old; 812 bu. tower grain bin; IHC 720 automatic reset 6 bottom 16" on the land hitch; Glencoe 9 shank soilsaver; IHC 17-½ ft. 45 vibrashank; JD 16 ft. cultimulcher; IHC 510, 21 disc grain only drill with grass seed attachment, VG cond.; IHC 56 6 row corn planter; Case 6 row 3 pt. cultivator, danish tine; Allied 42 ft. 8 in. transport auger, pto; Hutchinson 52 ft. 8 in. transport auger, pto; NH 516 3 beater manure spreader, pto; windrow turner; 3 basket wagons, old; Turnco grain box with auger and running gear; Little Giant galvanized grain box on running gear; 5 ft. rotary mower; Allied 42 ft. hay and grain elevator, pto; Central tractor trailer sprayer with 300 gal. fiberglass tank; 2 wheel trailer; pto generator; old; IHC flail chopper, old; steam cleaner, as is; very few small items.

NOTE: This will be a short auction. Please don't arrive late!

TERMS: Cash or good check day of sale. Nothing removed until settled for.

OWNERS,
DONALD AND SHIRLEY ALBERT
716-554-3589
HARRIS WILCOX INC.
Sale Mgrs. & Auctioneers
Bergen, NY 716-494-1880

HARRIS WILCOX, Inc. Bergen, N Y 14416

PUBLIC AUCTION

Farm Machinery, 5 Tractors, Snowmobile, 12 Horse Power Cub Cadet, etc.

At our farm 3 mi. E. of Muncy, PA, along Kepner Hill Rd., 15 mi. S. of Williamsport. Auction arrows from junction of Rts. 405 and 442.

Saturday, December 20, 1986

11 a.m. sharp

5 Tractors include: Ford TW-10 dsl., WFE, cab w/air, heat, radio, 20.8x38" rubber, dual hydraulics, 3PTH, 2900 hrs., good; AC 170 D.; 2 Farmall M's, one w/WFE; Farmall H.

Farm Machinery include: Brillion 8' packer seeder; NH equipment; 36 chopper; 328 manure spreader; 269 and 275 thrower balers; 880 harvester w/2R and PU heads; 489 haybine, etc.; 8 wagons, 5 w/thrower racks (two 9x18' w/Killbros 8 ton gears); 3 self unloading including Grove 3 beater w/roof; Oliver 4-16" semi plows; MF #10 bale thrower; Ford 535 haybine; Oliver mower, harrow, cultivators; JD 495 planter; Oliver 2R picker; JD rake; IH 56 blower; 8' disk; Mayrath 32' elevator; IH 56 corn planter; Yamaha SL338 snowmobile, elec. start, etc.

Auctioneer's Note: This will not be a consignment sale nor a very large sale. Be on time. No small items.

Conducted by:
Fraley Auct. Co.
Muncy, PA
717-546-6907
AU001194-L

SELLERS:
SECURED PARTY

Lunch Available

PUBLIC AUCTION

FARM EQUIPMENT; ROTOVATORS TRUCKS; GOOSE NECK GRAIN TRAILER

SATURDAY, DEC. 27, 1986

at 10:30 A.M.

(10 miles West of Allentown), 1 mile N. of Fogelsville, exit off Rt. 100 onto Mohr Lane & Applewood, continue west past Penn State Campus for 2.2 mile to Wertman St., left one block in Weisenberg Twp., Lehigh Co. Pa.

TRACTORS

JD 2030 diesel w/roll guard & roof; JD 48 loader for same, w/6' bucket; JD 50 tractor w/pwr. str. & roll-o-matic; #45 frt. end loader for same; Farmall F-20 tractor, high clearance spraying attach for same.

TILLAGE

Int. 700 semi mtd. 3 pt. 4-16" auto spring trip pl; Ford 3 pt. 2-18" roll over pl; 3 pt. 13' chisel pl; (3) Howard rotovators, ST 180"-S-100" & an M-100"; JD 11' transport disc; Hugo 11' transport harrow land roller comb; Hugo 11½' steel land roller.

PLANTING

Ford 309-4r c planter w/liq. fert. attach; JD-FB1-17 dlb. disc grain drill w/grass seed, & liq. tank w/fert. attach; JD-B217C-21 dlb. disc big box grain drill.

MISC.

NH 676 two beater pto manure spreader w/tandem axles, 10:00x20 tires; Papec 870 grinder mixer; 3- grain gravity wagons 150 to 200 bu. cap; NH mod 155-36' pto bale & grain elev; 1500 gal. poly liq. fert tank; NI 4 bar rake on rubber; Century 3 pt 125 gal. poly tank weed sprayer; David Bradley ½ ton two wheel car trailer; Brady two r stalk shredder; JD 43 pto c sheller w/cob elevator; set of 38" duals; Oliver 3 pt. 4 r rotary hoe; MC 3 pt. 4 r cultı; cattle head gate squeezer comb; 5 asst. Smidley hog feeders; Smidley 3½ ton steer stuffer; asstd. cattle gates; plus many items too numerous to mention; Foley #308 chain saw filler w/accessories.

TRUCKS & TRAILER

1974 Int. 500 w/9' stake body, 15,000 lb. GVW, has goose neck hitch; Hillsboro 18' gooseneck w/elec. dump, grain sides, & hay hauling racks extends 27' total length, 30,000 GVW; 1976 Dodge 200- 4x4 w/6'x8' stake body.

Terms- Cash or acceptable check

NOTE: Farming operation is being discontinued, everything sells regardless of price.

FOR:
ZETTLEMOYER'S SUNRISE FARMS
Conducted by
Ralph W. Zettlemoyer Auction Co. Inc.
(215) 395-8084
Pa. license #AU-001809-L

Refreshments available

P.O. Box 215 • Fogelsville PA 18051 • 215-395-8084 • License #AU001809 L
ZETTLEMOYER AUCTION

FARMERSVILLE AUCTION

TUESDAY, DECEMBER 16, 1986

3:00 P.M.

In Farmersville, 3 mi. east of Brownstown, Lanc. Co., Pa.

Selling a house lot from Ephrata, plus additions.

Wurlitzer organ; 2 - G.E. refrigerators; 2 pc. livingroom suite; maple single beds; 5 pc. maple breakfast set; window fan; bench w/back; 24" elec. range; lots of tools; dishes; box lots; etc.

See Lanc. newspaper Sat., Dec. 13 for full listing.

WE SELL ON COMMISSION

Call JOHN J. RUTT
(717) 354-5095

Auctioneer: Lester Weaver
AU-982-L

1987 calendars are here.

Consignments being accepted for our New Year's Day Antique Sale.

PUBLIC AUCTION

ANTIQUES, COLLECTIBLES, CRAFTS & COINS

SATURDAY, JAN. 3, 1987

9:30 A.M.

Located at the Brickerville Fire Hall, Brickerville, Pa.

Oak showcase, early stepback cupboard, saddlers bench, cherry handcrafted corner cupboard, primitives from kitchen and barn, wood & iron items, iron skillets, crocks, jugs, baskets, iron toys, glassware, tinware, antique reference books, silver dollars, and an assortment of U.S. coins to be sold at 11:00 A.M.

Consignment will be accepted for this auction. Dial 626-8175.

E.M. Murry Associates

10 S. Broad St.
Lititz, PA 17543

Elmer Murry 626-5244 - 626-2636
Richard Murry 626-8175 - 949-2280
Ken Miller 665-2073
Professional Auctioneers
Appraisers and Advisors
Since 1953
AU-00648-L

AUCTION

FARM MACHINERY, 3 TRACTORS, 1973 FORD PICK-UP, TOOLS, FURNISHINGS

FOR: DAVID & JEAN MCCLURE
RALPH A. ALDERFER ESTATE
2121 North Wales Rd.
Montgomery County
Lansdale, PA
(bet. Morris Rd. & Rt. 75)

TUESDAY, DEC. 16, 1986

10:00 A.M.

Farm Machinery at 11:00 A.M.

FARM MACHINERY- John Deere 2020 WFE, gas, 1488 hrs. w/New Idea Loader; Oliver 770 Tri-Gas w/New Idea Loader; Oliver 77 Row Crop Tri-Live PTO, good rubber w/cultivator; J.D. 3-bottom hyd. plow; J.D. 3-bottom pull plow; J.D. 10' Transport Disc; Chattonoga 10' Transport Cultimulcher; 10' Cultiroller; Woods Cadet #84 Mower; Fox Field Chopper #F546 windrow & corn hd; 200 gal. tank sprayer; I.H. roll, Side Del Rake, auger unload dumping grain wagon, 2 sect. spring tooth; Oliver hyd. cyl; walking plow. AUTO- 1973 Ford Custom Pick-up F-250 Camper Special V8, 89,521 miles; Pick-up Mower Ramp. TOOLS- Win. Power 12KW Generator; 5 h.p. & 7½ h.p. elec. motors; air compressor, 40' mag. ext. ladder; water bowls, hay racks, platform scale, 6 rolls sheep wire, grindstone, anvil, field tiles, cement block, lumber, misc. hand tools. FURNISHINGS- Coal range, fireplace mantel, pickle barrel, school desk, table, chairs, bureaus, jars, farm signs, misc. household goods & collectables.

TERMS- CASH; LUNCH

Sanford A. Alderfer, Inc.
Real Estate Brokers & Auctioneers
Box, 1 Harleysville, PA 215-723-1171
PA No. AU-001117-L

Public Auction Register

GROUNDS MAINT. EQUIP. & TRUCK AUCTION

Tues., Dec. 16- 9 am Inspection, 11 am Sale

DIRECTIONS: 4 mi. W. of West Chester, Chester Co., Pa. on Rt. 162 at Barry & Lucky Rds., Marshallton Village.

FEATURING

2 Hustler #295 mowers. Gravely GMT 9000 mowers. 3 Gravely 5645 mowers. 3 Model L Gravelys with attachments. 2 Grasshopper 60" model 1820 and 1822 mowers. 52" Goodall walk-behind mower. 3 Dual axle & 1 tri-axle trailers. 2 Lickity log splitters. 5 "Green Machines". Air compressor. Push type power mowers. 2 Chain saws. 8 Flat & dump bed trucks. Assorted other equipment & maintenance supplies. More equipment may be added before sale day.

By order of
FOUR SEASONS GROUND MAINTENANCE
for purposes of transferring business interests to landscaping & new project work.

TERMS: CASH or its equivalent.

Restroom Food Service

- Auctioneers -
J.M. BOSWELL, CAI #AU-085-L
215-692-2226 Clip & Save

PUBLIC SALE

FARM EQUIP.- 5 TRACTORS- 4 TRUCKS- 2 PAYLOADERS

SATURDAY, DEC. 20, 1986

9:30 A.M.

Located: Along Rt. 441 North of Columbia, Pa.
Top of Chickies Hill

TRACTORS 1085 Massey Ferguson, 1350 hrs. (one owner); 2010 J.D. w/Culti. (gas); 450 Farmall (gas-one owner); 350 Farmall (gas); M.M. Uni Tractor w/NEW IDEA Mounted Picker (runs); TL6 Payloader; TL14 Payloader; BACKHOE- '73 CASE 580B Extend-a-hoe w/Shuttle & cab, 18" Bucket, (good Cond.)

TRUCKS

White Truck Tractor w/220 Cummings 10 Sp. Trans, Single Axle; '71 INT. Cab-Over 1610 w/16 Ft. Dump; '64 INT. 1600 w/12 Ft. Dump (Farm); '64 INT. 1600 w/12 Ft. Flat Bed (Farm); Tandem Axle 20 Ft. Trailer (no title).

FARM EQUIPMENT

JD 7700 COMBINE (D) W/Rotary Screen, Hydro. Cab & Air, 6 R. Narrow Corn Head, 13' Platform; 5400 John Deere Self-Pro. Harvester, Cab & Air, 4-wh. drive, 3 Row Narrow & New 7 Ft. Pickup (Good Cond.); 225 Int. Hayswather (self-pro), N.I. Ensilage Blower; 2 Badger Self-unloading wagons w/roofs; 6-R. Int. 400 Air Planter; Taylor Way 10 Ft. Cutaway Plowing Disc; Int. #475 14' Disc; Brady 18 ft. Field Cultivator; Int. 700 5B 16" Auto. plow; Two J.D. Drills; Int. 35 Rake (like New); Int. 430 Baler w/Thrower; Int. #100 7 Ft. Fast Hitch Mower, Int. 2 16" B. Fast Hitch Plow; 11 Ft. Cultipacker; Century 300 Gal. Trailer Sprayer; 12F dump wagon w/963 J.D. Gears; Thrower Wagons on 963 J.D. Gears; 16 Ft. Harvest Handler (elec. w/motor); Drag Elev. w/motor; THREE Bin Wagons; Elec. Welder; Air Compressor; Honda Motor Cycle; 12 Rolls New Fencing; 50 Bale Twine; Twisted Spikes; Snapper Lawn Mower; Hydro. Post Driver; Hance Seed Cleaner #100. Plus many items not listed.

LUNCH AVAILABLE-
REASON FOR SELLING-
Discontinuing Farming Operation
Equip. In Good Shape & Well Maintained
NOTE- Financing Available On Big Equipment To Qualified Buyers.
Arrangements Must Be Made With Owner Prior To Sale Day. Please Be Prompt.

SALE BY
RICHARD O. BINKLEY
Phone 684-5895
WOLGEMUTH AUCTION SERVICE
Ph. 665-5664 Lic. #1036

THURS. DEC. 18 - 11AM Lone Sycamore Dispersal of 87 Head Registered Holsteins. Oxford, PA. Backus Associates, Inc., Aucts.

FRI. DEC. 19 - 10AM Real Estate--80 Acre Farm. 1 mi. E. of Bartville, 1 mi. S. of Nine Points, first farm E. of Rt. 896 along Bartville Rd., Bart Twp., Lanc. Co., PA. Aaron K. & Lizzie Lapp, Owners. Diffenbach's Auct.

PUBLIC SALE

MONDAY, DEC. 29, 1986

9:30 a.m.

LANCASTER CENTRAL FARMERS MARKET

The City of Lancaster will sell fifteen (15) stands at Central Market by public auction. Bidding will start at $576.00 for a 6' stand. For additional information call (717) 291-4740 or 291-4739.

Bernard G. Grimm, Jr.
Auctioneer
AU-002364-L

CONSIGNMENT AUCTION

Farm Eq. and Related Items

MONDAY, DECEMBER 15, 1986

10 A.M.

Located at the Auction Barn in American Corner, Maryland, on Hwy. 621 between Federalsburg, MD, and Denton, MD.

Tractors, Combines, Trucks, Tillage Eq., Lumber, Tools and Other Farm Related Items

EARLY LISTINGS: 1980 GMC 7000, 366 V8, 5&2, 16' body; 1981 GMC 7000, 366 V8, 5&2 trans., 16' dump body w/double 23 ton hoist, approx. 33,000 mis.; AC WD; JD 2510 gas w/WF; IH 416 plow; JD 414 plow; JD 216 plow; JD 4R cultivator; Super M Farmall; NI #12A spreader; wagon; hydraulic road scraper; 3PTH disk; loader for H or M; D2 Cat dozer.

Call today to list your equipment for advertising.

Forklift and loading ramp available.

Receiving equipment on Friday, December 12, Saturday, December 13 and up until sale time Monday.

TERMS: Cash or approved check with letter from bank guaranteeing funds.

A. Curtis Andrew Auction, Inc.
301-479-0756 or
754-8826

PUBLIC AUCTION

PUBLIC AUCTION

FARM EQUIPMENT; TRUCKS

MONDAY, DEC. 29, 1986

at 10:30 A.M.

Between (Pennsburg & Quakertown), turn S. off Rt. 663 onto Geryville Pike approx. 2 miles, turn E. onto Finland Rd. for 1 mile to farm, Montgomery Co. Pa.

TRACTORS

JD 4020 diesel, wf, duals, nice condition; 2- D-17 AC tractors.

TILLAGE

D 145 semi mtd. 5-16" pl; three bot. 2 pt. snap coupler pl; JD BWA 13' transport disc; Brillion 12' inside wheels roller harrow; Dunham 9' roller harrow; Hutch Master 10' rolling disc pl; AC 16' wing field cultivator; 12' spring tooth harrow.

HAYING

Int. 990 mower conditioner; NH 456 mower; JD 38-7' mower; NI hay conditioner; NH rake; NH 68 hayliner baler; four wheel farm trailers.

PLANTING & MISC.

Int. 510-16 dbl disc grain drill; MC two pull type C planter; Dunham 165 bu. gravity wagon; NI 6"-41' transport grain auger; NI #106 fert & grass seed spreader; NI #7 C husker; 3 pt. 150 gal. poly tank weed sprayer w/30' boom; 3000 bu. grain bin 18' wide.

COMBINE

Int. 141 w/10' grain head (field ready).

MISC.

JD manure spreader; 40' ext. ladder; 275 gal. skid fuel tank w/pump; Gyro 3 pt. seeder; 7' snow bucket; Dynamark 11 hp riding mower.

TRUCKS

1970 Ford dump w/10' body & 42" sides; 1978 Ford 150 Ranger pickup.

Terms- Cash or acceptable check

Ordered by
LINFORD NACE & CLYDE BECK

Conducted by
Ralph W. Zettlemoyer Auction Co. Inc.
(215) 395-8084
Pa. license # AU-001809-L

Refreshments available

P.O. Box 215 • Fogelsville PA 18051 • 215-395-8084 • License #AU001809 L
RALPH W. ZETTLEMOYER AUCTION

FRI. DEC. 19 - 10AM Real Estate--80 Acre Farm. 1 mi. E. of Bartville, 1 mi. S. of Nine Points, first farm E. of Rt. 896 along Bartville Rd., Bart Twp., Lanc. Co., PA. Aaron K. & Lizzie Lapp, Owners. Diffenbach's Auct.

FRI. DEC. 19 - 11:30AM +95 Reg. & Hi-Grade Holsteins. Matthew Belcher Family, Hop Bottom, Susquehanna Co., PA. Corner of Station Hill Rd. & School House Rd. 3 mis. S. of Hop Bottom, PA. 3 mis. N. of Nicholson, PA. Mr. & Mrs. Matthew Belcher, Owners. Howard W. Visscher, Auct.

FRI. DEC. 19 - 1PM Modern Office/Comm. Bldg. Penn Square, Reading, PA. S/E cor., 5th & Penn Sts. Heart of Pedestrian Mall Revitalization area. By Order of National Bank of Boyertown. Louis Traiman Auct. Co.

SAT. DEC. 20 - 9:30AM Farm Eq. for Richard O. Binkley. Located along Rt. 441 N. of Columbia, PA. Top of Chickies Hill. Wolgemuth Auct. Serv.

SAT. DEC. 20 - 9:30AM For: Denlinger Electric, 2184 Old Phila. Pike, Lancaster, PA. Alvin Miller, Elvin Siegrist, Aucts.

SAT. DEC. 20 - 10AM 28 M/L Acre Farm, Farm Mach., HH. Take Rt. 272 S. of Lancaster, PA, approx. 11 mis., turn E. on Schoolhouse Rd., to Cinder Rd., turn left continuing back on Schoolhouse Rd. Terms by: Elwood & Bertha E. Evans. Kreider, Kline & Good, Aucts.

SAT. DEC. 20 - 10AM Big Valley Farm, Mifflin Co., ½ mi. SE of Belleville, PA, on S. Kish. Street, At Coldwater. Stephen W. & Bertha Zook. Mark Glick, Auct.

SAT. DEC. 20 - 10AM Combines, Tractors, Trucks, Implements. I.R. Swann & Sons, Inc. on Preston-Easton Rd., Rt. 331, Easton, MD. Lloyd O. Whitehead, Trustee. Pete Richardson Auct. Sales.

SAT. DEC. 20 - 10AM Main St., Orangeville (Former Hess Market) on Rt. 487 N. of Bloomsburh. Gary & Karen Hess, Sellers. John Autotore, John Jr., & Kim, Aucts.

SAT. DEC. 20 - 10AM Construction Eq., Power Tools, Office Supplies. From Lancaster, take Rt. 30 E. to red light in village of Gap at Rt. 41 intersection. Continue E. 4/10 of a mi. to Chestnut St. Turn right. 1st drive on left. (Directly behind Blanks Phillips 66 Service Station.) By: Triplewood Construction. Old Towne Auct. Serv. Larry Neuhauser, I. Paul Harnish, Joseph Zook, Aucts.

SAT. DEC. 20 - 11AM Farm Machinery, 5 Tractors, Snowmobile, 12 HP Power Cub Cadet. At our farm 3 mis. E. of Muncy, PA, along Kepner Hill Rd., 15 mis. S. of Williamsport. Secured Party, Sellers. Fraley Auct. Co.

SAT. DEC. 20 - 6:30PM "Purebred Pride" Holiday Sale, 100 head tested breeding stock. Heated Coliseum, Wayne Co. Fairgrounds, Wooster, Ohio.

SAT. DEC. 27 - 9:30AM Real Estate, HH, Tools, Farm Eq., Trucks. York Co., PA. Turn S. off Rt. 30 at Wrightsville Exit, follow Cool Creek Rd. T775 to East Prospect, continue straight on to Rt. 124 into Craley, turn right on Rt. 624 go approx. 1 mi. to edge of Martinsville, turn left onto Hakehollow Rd. Follow to sale. For: Clair & Nancy L. Rexroth. Blaine N. Rentzel, Auct.

SAT. DEC. 27 - 10:30AM Farm Eq., Rotovators, Trucks, Gooseneck Grain Trailer. (10 mis. W. of Allentown), 1 mi. N. of Fogelsville, exit off Rt. 100 onto Mohr Lane & Applewood, continue W. past Penn State Campus for 2.2 mis. to Wertman St., left one block in Weisenberg Twp., Lehigh Co., PA. For: Zettlemoyer's Sunrise Farms. Ralph W. Zettlemoyer Auct. Co., Inc.

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

SAT. DEC. 27 - 8:30AM Tack; 10:30AM Horses. Consignment Horse Sale. Keister's Middleburg Auct. Sales, Inc., Rt. 522, 3 mis. E. of Middleburg, PA, 5 mis. W. of Selinsgrove, PA. Don & Walt Keister, Owner.

SAT. DEC. 27 - Real Estate, Saw Mill Eq., Mack Trucks, Fruehauf Trailers. Denton Trucking, Inc., and Richard Perry Mezick, Hobbs Rd., Market St., Denton, MD. Pete Richardson Auct. Sales.

MON. DEC. 29 - 10:30AM Farm Eq., Trucks. Between Pennsburg & Quakertown turn S. off Rt. 663 onto Geryville Pike approx. 2 mis., turn E. onto Finland Rd. for 1 mi. to farm, Montgomery Co., PA. By: Linford Nace & Clyde Beck. Ralph W. Zettlemoyer Auct. Co., Inc.

MON. DEC. 29 - 1PM Eq. Fixtures, Office Furn., Misc., Sound & Lighting Eq. Corvair's Lounge formerly Old Colony Restaurant, 1281 Manheim Pike, Lancaster, PA. Glenn Carter, Owner. Kerry Pae Aucts.

MON. DEC. 29 - 2PM 132 Acre Farm. Along Harvest Rd., Elizabethtown, PA. From E-town square take E. High St., (E-town/Manheim Rd.), approx. 4 mis. to Trail Rd. Turn left, go ½ mi. to Harvest, right on Harvest to property. Mt. Joy Twp., Lanc. Co., PA. By: Lloyd H. & Kathryn H Wenger. Paul E. Martin & John D. Stauffer, Aucts.

TUES. DEC. 30 - 11AM Hoosier Auction Farm Machinery Auction, Eagle Bridge, NY 30 mis. E. of Albany, Rt. 22 and 67 N. Hoosiel, NY. John L. Calhoun, Auct.

WED. DEC. 31 - 10AM Tractors, Farm Eq., Tools, Straw. York Co., PA. Rt. 30 to Hellam Exit, S. across Rt. 462 (E. Market St.) onto Freysville Rd., 2 mis. to Fry's Lane on left, 1st farm on right. For: Mr & Mrs. Richard E. Dietz Blaine N. Rentzel, Auct.

WED. DEC. 31 - 10AM 110 Holsteins and big line of modern farm machinery and produce. Bruce Cornell, Greenwood, Steuben Co., New York Pirrung Aucts , Inc

JANUARY

THURS JAN. 1 - 10AM Public Auction of Modern Farm Equipment. Located 4 mis. W. of Spring Grove, PA. York Co. off Rt. 116 at Porter's Hill Rd , turn S. 1 mi to 1st cross road, turn W. ½ mi. to sale. Or 6 mis. East of Hanover, PA off Rt. 116. Sale conducted for Bernard & Rebecca Gardner. Auctioneer, Blaine N. Rentzel.

THURS. JAN. 1 - 11AM Consignment Auction of Older Farm Toys at New Holland, PA, Fire Hall. Dale Stoltzfus, Auct. 717-768-3554.

FRI. JAN. 2 - 9AM Farm Eq. New Holland Sales Stables, Inc., New Holland, PA. Abe Diffenbach, Manager.

SAT. JAN. 3 - 9:30AM Antiques, Collectibles, Crafts & Coins. Located at the Brickerville Fire Hall, Brickerville, PA. E.M. Murry Associates, Aucts.

SAT. JAN. 3 - 10AM Farm Eq., Trucks, Grain Dryer. Located 8 mis. W. of York, PA, along Rt. 30 W. of Thomasville, PA. Larue and Ruby Shellenberger, Owner. Blaine N. Rentzel, Auct. 717-764-6412.

THURS. JAN. 8 - 9AM HH, Antiques, Shop Tools. Lanc. Co., PA, 2½ mis. NE of Intercourse on New Holland Rd. From Rt. 340 go. N. 1 mi. on New Holland Rd., 2½ mis. S. on New Holland. Samuel R. Beiler. Steve Petersheim & Steve Jr., Aucts.

THURS. & FRI. JAN. 8 & 9 - Large Two Day Sale of Farm Eq., etc., at our place of business, 1 mi. E. of Marion, PA, off Rt. 81 Ralph W. Horst, Manager.

FRI. JAN. 9 - 10AM Horse Sale. New Holland Sales Stables, Inc., New Holland, PA. Abe Diffenbach, Manager.

SAT. JAN. 10 - 9AM Full Line of Farm Mach., HH, Antiques. Hershey & Magerurite Kurtz. Steve Petersheim & Steve Jr., Aucts.

SAT. JAN. 10 - 9:30AM Farm Mach. Kessler Produce, Rt. 524E, Box 1403, Farmingdale, NJ. E. on 195, off at Exit 31B to Rt. 524, R. on Rt. 524E, Pass Allaire State Park, around corner onR. Lee Parker, Auct. Norman Parker, Sale Mgr.

THURS. JAN. 15 - 9:30AM Big Potato & Dairy Farm Auction for Chas. Flock & Sons, Rt. 34, Colts Neck, NJ. Col. Fred R. Daniel Aucts, Inc.

THURS. JAN. 15 - 9AM 47 Acre Dairy Farm, Hi Grade Holstein Herd, Farm Mach., Milking Eq., Feed. Dauphin Co., PA, 8 mis. E. of Millersburg, 2 NW of Berrysburg form Rt. 25 go N. on Rt. 225 to Shippen Dam Rd. left to Miller Rd. right. David B. & Barbara K Stoltzfus, Owners. Steve Petersheim & Steve Jr., Aucts.

FRI. JAN. 23 - 10AM Horse Sale. New Holland Sales Stables, Inc., New Holland, PA. Abe Diffenbach, Manager.

PUBLIC AUCTION

Farm Equipment - Grain Trucks

SAT., JANUARY 3, 1987

10:00 A.M.

LOCATED: 8 Miles West of York, PA Along Rt. 30 West of Thomasville, PA.

TRACTORS

White 2 - 155 w/Cab - Heater and Radio, Dual Hydraulic - 1401 Hours (Like New).
Oliver 1800 Diesel - Wide Front, Dual Hydraulic (Like New).
Oliver 1600 Diesel - Less Than 100 Hrs., Motor Rebuilt, Wide Front, Dual Hydraulic.
Oliver 88 Row Crop - Live PTO (Real Clean).
Oliver 66 Standard Diesel - Live PTO (Real Clean).

TRUCKS

1974 Ford F800 Louisville w/14' Grain Bed and Hoist, 30,000 GVW, 5 Speed, 10X20 Tires, Air Brakes, Power Steering - Like New.
1964 Ford F600 - 14' Grain Bed w/Hoist, 21,000 GVW, 2 Speed, Like New.
Oliver 7600 Combine w/Cab - Air and Heater - 13' Grain Head - 4 Row Corn Head (Real Clean).

EQUIPMENT

Oliver 5X16 Automatic - Reset Semi-Mtd. Plow - Like New, Oliver 4X16 Trailer Plow, Trip Back, BRILLION 14 FT. CULTIMULCHER (wheel inside) (like new), Oliver 32 Transport Disk, RHINO - F90B - 21 FT. DOUBLE FOLD-UP DISK (like new), WHITE - 5600 AIR PLANTER 4 ROW NO-TILL DRY FERTILIZER - MONITOR AND INSECTICIDE BOXES - like new, OLIVER 76 GRAIN DRILL DOUBLE DISK 18, Oliver Model 720 PTO Baler w/Thrower, Oliver Fold-up Field Harrow, Oliver Trailer Sprayer w/Booms, OLIVER 100 WIRE BALER w/WISCONSIN MOTOR - collectors item, 14 Ft. Cultipacker and 2 - 4½ Ft. Cultipackers, J.D. 494A 4 Row Planter w/Dry Fertilizer, 7 Tooth Pull-Type Chisel Plow, J.D. 8 Ft. Disk, 9-10-12 Ft. Cultipackers, J.D. 38 Ft. Elevator w/Drag, Case 38 Ft. Elevator, David Bradley Hay Rake, 2 - Oliver Semi-Mtd. Mowers, Bale Elevator, Spring Harrows, 2 Wagons w/14 Ft. Grain Beds and Hoist, 2 Wagons w/16 Ft. Thrower Racks, 4 Row Oliver Culti., Spike Harrows, Side Dresser for Oliver Culti., 4 Cylinder Wisconsin Motor w/Clutch, ANTIQUE GRAIN SCOOP, Cab for 66-77-88, Oliver 3X14 Trailer Plow, 750 Gal. Steel Tank, Used Tractor and Truck Tires, 150 Gal. Fuel Tank w/Pump, Saddle Tank for Truck, 30 Ga. Tank and Pump, Hydraulic Cylinders, Alum. Single Chain Elevator, Corn or Coal Chute, J.D. AUGER WAGON (like new), Narrow Front for 1800 Oliver Tractor, Wagon w/Sides, Oliver H7 Manure Spreader - Ground Drive (like new), 24 Ft. Extension Ladder, 12 Boxes of Baling Wire, Parts for Oliver 35 and 545 Combine, Wagon Load of Small Items.

GRAIN EQUIPMENT

G.T. 370 Grain Dryer - Bottled Gas (Like New), 6"X20' Auger w/Gas Motor, 2 - 4" Grain Augers, Hexagon Corn Crib 12'X12', Moisture Tester, Quick Hitch for Large Tractor, 9 White Front Weights, M.M. Model D Corn Sheller w/30' of Drag, Belt Driven.

NOTE: THIS EQUIPMENT WAS ALWAYS KEPT IN DRY AND IN FULL READY CONDITION.

TERMS: CASH OR GOOD CHECK

SALE CONDUCTED FOR:
RUBY & LARUE SHELLENBERGER
RD 1 Thomasville, PA
(717) 225-1445

AUCTIONEER:
Blaine N. Rentzel
Emigsville, PA
(717) 764-6412
PA Lic. #761

LUNCH BY ROTH REFORMED CHURCH

PUBLIC AUCTION

Real Estate- 10 Acre Farmette w/Ranch Style House
Household Goods- Tools- Farm Equip. Trucks

SAT., DECEMBER 27, 1986

9:30 A.M.

LOCATED: York Co., PA turn South off Rt. 30 at Wrightsville Exit, follow Cool Creek Road T774 to East Prospect, continue straight on to Rt. 124 into Craley, turn Right on Rt. 624 go approximately 1 mile to edge of Martinsville, turn Left onto Hakehollow Road. Follow to sale. Watch for Signs from Craley. From Red Lion follow Rt. 624 to Martinsville and turn Right at Hakehollow Road.

12:30 REAL ESTATE 12:30

Approximately 10 Acres in Lower Windsor Twp., York County, PA, improved w/a Frame Ranch Style House having large Kitchen, Dining Room, Living Room, Unfinished Family Room w/Stone Fireplace, and Full Bath on First Floor, 3 Bedrooms and Bath on Second Floor. Large Basement w/2 Car Garage, Oil Hot Water Furnace, Wall to Wall Carpet. Kidney Shaped In-Ground Swimming Pool w/Roman Steps, Block Garage 20X24, Pole Barn 40X60 used previously for feeding cattle and equipment storage. 7 Acres Fenced - 3 Acres for Farming. Road Frontage on Hakehollow Road. Electric and Water in all Buildings. Spring Water and Well Water.

TERMS: 10% Down Sale Day, Balance in 60 Days - Or possession can begin immediately with Full Settlement.

Open for Inspection Sunday, December 7 & 14 - 1 P.M. to 4 P.M. or by Appointment by phoning 244-0362 before 8 A.M.

Household Goods

Queen Size Bed, Twin Beds, Single Bed, Edgewood Bedroom Suit (Dresser, Chest of Drawers, Night Stand), Lane Cedar Chest, Oak Stand w/Claw Feet, Living Room Suit, Coffee Table, Stereo and Speakers, End Stand, Grandmother's Clock (new), Zenith Color TV, Drop Leaf Table, Wooden Chairs, Bar Chairs and Stools, 4 Hanging Lights w/Prisms, Sectional Sofa, Breakfast Set, Dresser, Kitchen Cabinet, Night Stand, End Table, Buffet w/Hutch, Table and 4 Chairs, Roll-top Desk and Chair, Display Case, Large Sectional Sofa (6 Pieces), Slant-top Desk, 15 Toy Caterpillar Equipment Items, Set of Blue Willow, Silverware, What Nots, Flatware, Gibson 20 Cu. Ft. Freezer, Frigidaire 15 Cu. Ft. Freezer, Maytag Washer and Dryer, Wood Stove w/Coal and Wood Grate.

MOST OF THIS FURNITURE IS IN LIKE NEW CONDITION AND DARK WOOD FINISH.

Farm Equipment- Trucks- Tools

1968 Chev. 50 Series w/18 Ft. Cattle Body, 2 Speed Rear, 21,000 GVW.
1973 Chev. Flat Bed Dump, 17,000 GVW, rebuilt 350 motor, rebuilt drive train, 2 spd. rear.
1450 Cub Cadet Hydrastatic w/44" Mower, Snapper Rotary Mower, Hahn Rotary Mower, Rototiller, Stihl Weedeater, Stihl L-15 Chain Saw, Homelite Mist Sprayer, 16 Speed Floor Model Drill Press, Bench Grinder, Radial Cut-off Grinder, International 95 Electric Riding Mower, Planter Jr. Seeder, Work Bench, Hydraulic Jacks, Wards Portable Air Compressor, Home Printer w/Letters, Miscellaneous Mechanical Tools, Platform Scales, Extension Ladder, International 664 Diesel Tractor w/3 Pt., Power Steering, J.D. 3X14 Plow - rebuilt, International Off-set Transport Disk, 3 Pt. Cultivator, 3 Pt. Tiller, 3 Pt. J.D. Tool Bar, Myers 3 Pt. Sprayer, J.D. F.B.B. Drill (needs repairs), Cattle Bench Feeder, Farm Gates, Troughs, Fence Post and Fencing, Forks, Shovels, Hose, and Many Items Not Mentioned.

TERMS: CASH OR GOOD CHECK
FULL SETTLEMENT SALE DAY

Sale Conducted For:
CLAIR REXROTH
NANCY L. REXROTH
ATTORNEY: Eveler & Eveler

AUCTIONEER:
Blaine N. Rentzel
Emigsville, PA
(717) 764-6412
Lic. #761

PUBLIC AUCTION

BIG VALLEY FARM

SAT., DEC. 20, 1986

AT 10:00 A.M.

Located In Mifflin County, ½ Mile Southeast Of Belleville, Pa., On South Kish. Street, At Coldwater.

Approx. 79 Acres Dairy Farm W/3 Silos (Including Unloaders), Bunk Feeder For 60 Cows, Implement Shed And 3 Dwelling Houses, Etc., With A Large Footage Of Road Frontage, More Generally Described In Deed Book 187, Page 649 In Recorders Office Of Mifflin County.

Farm Will Be Sold W/16x40 Ft. Of Corn Silage. Bulk Milk Tank, Preheater And Pipe Line Milker Will Be Priced Day Of Auction, And Can Be Purchased Privately.

Terms- 10 Percent Down, Balance March 20, 1987, When Possession Will Be Given. Reserve The Right To Reject All Bids.

STEPHEN W. AND BERTHA ZOOK
717-935-2886
Mark Glick-Auctioneer
AU-349-L
Richard Gingrich-Attorney

PUBLIC AUCTION

28 M/L ACRE FARM
FARM MACHINERY,
HOUSEHOLD GOODS
A SEPARATE 1 ACRE BUILDING LOT

SATURDAY, DEC. 20, 1986

SALE TIME 10 A.M. REAL ESTATE 1 P.M.

Located: Take Rt. 272 So. of Lancaster, Pa. approx. 11 miles, turn East on Schoolhouse Rd., to Cinder Rd., turn left continuing back on Schoolhouse Rd. Or Take Rt. 222 So. of Lancaster through New Providence, turn right on Cinder Rd., turn left on Fairview Church Rd., turn right on Schoolhouse Rd., Prov. Twp. Lanc. Co.

1 ACRE BUILDING LOT ALONG FAIRVIEW RD.

REAL ESTATE: Consists of a 2½ story, 6 room frame house w/3 rooms and bath on the 2nd floor and 3 rooms on the 1st floor. Attic, basement, partial storm windows & doors. Adjacent pump house, hot water oil heat, matured shade trees.

THE BARN: A 2 story frame structure w/adjacent implement shed, silo, pig pens, corn crib & wire crib.

AUCTIONEERS NOTE: Your opportunity to purchase a small farm w/25 acres of good tillable soil. This property has road frontage along Schoolhouse Rd. and Fairview Church Rd. Zoned Agriculture.

INSPECTION DATES: Nov. 29 & Dec. 6, from 1 to 4 P.M. TERMS: 10% down, balance upon settlement.

Massey Ferguson 35 tractor, cultivators, front end manure loader; G Allis Chalmers, new tires, good cond., cultivators, wheel weights; JD disc grain drill; 7 ft., #5 JD mower; New Idea 1 row corn picker; New Idea manure spreader; Allis Chalmers combine; Allis Chalmers 2 row corn planter; 30 ft. Little Giant elevator; 28 section disc; 3 section spring harrow; 8 ft. cultipacker; 3 point weeder; rubber tired wagon; JD bin wagon; Hershey 2 row tobacco planter; tobacco hoer's; double set of tobacco ladders; Minnich balen box; 2000 tobacco lathe; 32 ft. alum. ext. ladder; milk cans; XL 30 weedeater; Allis Chalmers riding mower.

2 washstands; chest of drawers; dresser; vanity; pine corner cupboard; sm. table w/drawer; library table; rocker; 3 iron beds; metal wardrobe; bookcase; desk chair; kitchen table w/5 chairs; Whirlpool refrig.; Sears chest freezer; Caloric gas stove; Kelvi. wringer washer; pudding crocks; picture frames; 12 ga. pump J.C. Higgins shotgun. Not responsible for accidents.

Items to numerous to mention. NO OUT OF STATE CHECKS. Refreshments

TERMS BY
ELWOOD & BERTHA E. EVANS

AUCTIONEERS CONDUCTING SALE:
LLOYD KREIDER AU000513L, RANDAL KLINE, ROY GOOD, GARY SHIRK
717-786-3394

KREIDER & KLINE AUCTION SERVICE

BUSINESS LIQUIDATION

ABSOLUTE PUBLIC SALE

Of Construction Equipment
Power Tools - Office Supplies

SATURDAY, DECEMBER 20, 1986

Starting At 10:00 A.M.

Sale Location: From Lancaster take Route 30 East to red light in village of Gap at Route 41 intersection. Continue East 4/10 of a mile to Chestnut Street. Turn right, 1st drive on left. (Directly behind Blanks Phillips 66 Service Station.)

Auction Items

EM-500 Honda Generator; 2-3,000 watt Honda generators; 3,500 watt Honda generator; 3-1½ horsepower air compressors w/5 horsepower Honda engines; 3 horsepower air compressor w/7 horsepower engine; 3 Stihl chainsaws w/14" bars; 9 Passload air nailers; 6 Passload air staplers; 6 Passload air roof staplers; Passload airless nailer; assortment of Passload staples; 2 Senco air staplers; 12 air hoses (assorted lengths); Milwaukee saws-all; 2 Makita saws-all; Makita cordless saw; 2 Makita electric drills; Makita 10" electric miter saw; electric Makita router; 8 Makita power saws; Black & Decker drill; Black & Decker router; large assortment of 7¼" saw blades; large assortment of extension cords; 3-28' aluminum ladders; 26' aluminum ladder; 8 aluminum step ladders; Titan electric heater w/timer; Reddi heater; assortment of miscellaneous small hand tools; roof jacks; some masonary tools; large assortment of nails; scaffolding brackets; assortment of saw horses; calking; assortment of building supplies; Dayton Mechanics tool chest; assortment of lumber, aluminum & tin flashing; rolls of felt paper; 550 gal. fuel tank w/hand pump; 275 gal. gas tank w/pump; 55 gal. oil drum w/pump; 4 drawer metal file cabinet; large metal office desk; miscellaneous office & folding chairs; Spring Water water cooler; Also to be sold is a 10'x20' office building with electricity to be removed from property.

Auctioneers note: All equipment, tools, etc. are in excellent, like new condition.

Sale By:

TRIPLEWOOD CONSTRUCTION
Gap, PA

Auction Conducted By:
Old Towne Auction Service
Millersville, PA (717) 872-6192
Auctioneers:
Larry Neuhauser - PA Lic. # AU-001895-L
I. Paul Harnish - PA Lic. # AU-000386-L
Joseph Zook
Larry Whyte (apprentice auctioneer)

Terms: Settlement in full, on day of auction. Cash - local checks. No out of state checks without prior arrangements w/auction service.
Not responsible for accidents.
All statements made day of sale take precedence over all advertising. Good Food Served All Day.

GOOD'S AUCTION

111 North Maple Ave.
Leola, PA. 17540
Hay, Straw & Grain Sales
Every Wed. At 12 o'clock noon
Auction House
#000014-L

HOOSIER AUCTION

FARM MACHINERY AUCTION
DATE: TUES., DEC. 30, 1986
TIME: 11:00 A.M.
30 Miles East of Albany, Route 22 and 67 North Hoosier, N.Y.

TRACTORS:
John Deere 4230 Diesel; Ford 5000 Diesel with Loader; Farmall 656 Diesel with Cab; John Deere 3020 Diesel; David Brown 1200 Diesel; MF 165 Diesel; Case 730 Diesel.

EQUIPMENT:

NEW HOLLAND
NH Haybine; NH 479 Baler; NH 782 Chopper with two row horn (3 years old); NH Pick Up Head; Case 580B Dsl., backhoe and loader; 2 Ford 800 tractors, all hydraulic loaders; JD 350 bull dozer, 6-way hydraulic angle blade, winch, wide pads and cab; MF 4 bottom steerable automatic spring reset plow, nearly new.

JOHN DEERE
Transport Harrow.

FORD
Ford Mower.

GEHL
Gehl Round Baler; 4-6 row 3 pt. Cultivator with Danish Style Teeth.

KASTON
Kaston 3 beater Forage Box.

COLE
Cole 4 Row Planter ! Like New !

INTERNATIONAL HARVESTER
IH Manure Spreader.

A.C.
A.C. 4 Row Planter (No Till).

TRUCK
1975 I.H.C. Fullrollback.

MISC.
Mixer Wagon; New Rotary Cutter; New Scraper Blades; Pasture Harrow; H + S Forage Wagon with Roof.

John L. Calhoun Auctioneer
Box 232A
Eagle Bridge, N.Y. 12057
(518) 686-5360

Public Auction Register

Closing Date - Monday, 5 00 P M
of each week's publication

WED. JAN. 28 - 10AM Modern Dairy Eq. from double 10, double 6 and single 6 milking parlor. All w/Boumatic automotic takeoffs. Terms by: Oxview Farm, Oxford, PA, Chester Co. J. Omar Stoltzfus & Leon Kurtz, Auct.

THURS. JAN. 29 - 9AM Registered Holstein Herd, Farm & Milking Eq. Amos S. & Lydia Smoker. Steve Petersheim & Steve Jr., Aucts.

FEBRUARY

FRI. FEB. 6 - 10AM Horse Sale. New Holland Sales Stables, Inc., New Holland, PA. Abe Diffenbach, Manager.

SAT. FEB. 7 - 10AM 7 acre Farmette & Personal Property. Located Salisbury Township, 1½ mile North of White Horse, turn off of Rt. 340 on Cambridge Rd. to the corner of Seldomridge Rd. & Kauffroth Rd., Lanc. Co., Pa. Terms By: Mary A. Miller. Aucts: Robert E. & Jeffrey R. Martin & Frank L. Steller.

FRI. FEB. 13 - 9AM Farm Eq. New Holland Sales Stables, Inc., New Holland, PA. Abe Diffenbach, Manager.

SAT. FEB. 14 - 9AM Horses, Dairy Cattle and Horse Drawn Machinery Located in Mifflin Co. between Belleville and Milroy, PA, ½ mi. E. of Barrville along Back Mt Rd. John B. Hostetler, Jr and Ner Hostetler. Mark Glick, Auct.

MON. FEB. 16 - 10:30AM Complete Liquidation of the largest grower-packer of potatoes in New Jersey J&B Potato and Grain Farms, Inc., Hightstown, Monmouth Co., New Jersey, Owners. Pirrung Aucts., Inc

WED. FEB. 18 - 9:30AM Farm Mach., Horses, HH ½ mi. S. Vintage. Jacob S & Rebecca H. Beiler, Owners. Steve Petersheim and Steve Jr., Aucts

THURS. FEB. 19 - Farm Eq. & Tools. Allen Hoover, along Rt. 82, approx. 5 mis. E. of Honey Brook. Nevin Martin & Lewis Groff, Aucts.

THURS. FEB. 19 - 9AM Farm Equip. Located between Soudersburg & Paradise at 2969 Lincoln Hwy., Rt. 30, 8 miles East of Lancaster. Terms By: T.J. Wheary & Sons. Aucts: Robert E. & Jeffrey R. Martin & Blaine Rentzel.

THURS. FEB. 19 - 9AM PA Draft Horse & Mule Association Sale. Pennsylvania State Farm Show Building, Corner of Cameron & McClay Sts., Harrisburg, PA.

PUBLIC AUCTION

for Denlinger Electric
'GOING OUT OF BUSINESS'

SAT., DECEMBER 20, 1986

9:30 A.M.

2184 Old Phila. Pike, Lancaster, Penna.

Electric Appliances - New and Used, Cooktops, Hoods, Garbage Disposals, Dehumidifiers, Air Conditioners, Housewares, Fans, Heaters, Ice Trays, Light Fixtures, Glass Shades, Hoover Bags, Belts & Parts, Sunbeam Parts, Chime & Bell Buttons, Timers, Light Bulbs, Flood Lamps, Heat Lamps, Thermostats, Heat Cables.

Used Maytag Wringer Washer, Dexter Twin Tub, Easy Spindryer, Washer Parts, Wringer Rolls.

Wiring Supplies, Boxes, Switches, Receptacles, Plates, Sockets, Plugs, Fuses, Extension Cords, Conduit Ells, Pipe Fittings, Covers, Connectors, Duct & Ells 3¼X10, Vent Caps, 4" Pipe Motors, Water Heater Units.

Tools, Bolt Cutter, Pipe Threaders & Dies, E.M.T. & Conduit Benders, Drill.

Large Office Desk, 2 Chairs, 4 Drawer Fire Proof Legal Size File Cabinet & Safe, Cash Register, Antique Meters & Ironrite Ironers (Demonstrators).

½ Ton International Pick Up with Utility Body - low mileage, 1973 Chev. Service Van- Straight Shift.

Appliances Subject to Prior Sale. Sale to be held Indoors. Food Served. Not Responsible for Accidents. No Out-of-State Checks.

Terms By
DENLINGER ELECTRIC
394-2226

Auctioneers:
Alvin Miller Lanc., Pa. 687-6857
Elvin Siegrist Ronks, Pa. AU-1723-L

PUBLIC AUCTION

New Holland Sales Stables, Inc.
New Holland, Pa.

Tractors & Horse Drawn Farm Equipment-Supplies-Small Items

FRIDAY, JANUARY 2, 1987

SALE OF SMALL ITEMS 9:00 A.M. **FARM EQUIPMENT 10:00 A.M.**

New customers and out of state buyers must have current bank letter of credit with guaranteed amount or cashier checks.

Abe Diffenbach, Manager

A list of your sale items must be in our office by Monday, December 22nd to be included in our complete listing in the December 27 issue.

For more information contact Abe Diffenbach or Norman Kolb at 717-354-4341

NEXT FARM MACHINERY SALE FEB. 13, 1987

PUBLIC AUCTION

FARM EQUIPMENT

NEW YEAR'S DAY - JANUARY 1, 1987

10:00 A.M.

LOCATED: 4 miles West of Spring Grove, PA (York Co.) off Rt. 116 at Porter's Hill Road, turn South 1 mile to 1st cross road, turn West ½ mile to Sale - or 6 miles East of Hanover, PA off Rt. 116.

1977 I.H. 4186D, 4WD, Cab, Heat, Air, PTO, 3 Pt. w/New 28L-26 Deer-Cleat Tires, 1800 Hrs. Excellent Cond.

1967 I.H. 656D Utility 18.4x30, 3 Pt., PTO, 2 Valves, Canopy, Heat Houser, 5100 Hrs. Excell. Condition; 1978 N.H. TR70 Combine w/Ford Eng., 4 Row Wide and 15 Ft. Grain Head w/Pick-up Reel. 1800 Hrs. Excell. Condition; N.H. 735 Dryer. LP Fired, PTO, Batch w/Roof and Transport; 52 Ft. Rubber Belt Grain Elevator Completely Enclosed, PTO Drive; 24 Ft. Mulkey Elevator w/Motor; #50 I.H. Flail Shreader w/New Knives- 540 PTO; 2- McCurdy Gravity Boxes- 200 bu. on Grove L528 Chassie w/Floatation Tires; One Husky Gravity Box- 175 bu. on Grove 6 Ton Chassie; One Flat Bed 7x16 Ft. on Husky 6 Ton Chassie; N.H. Super 77 PTO Hay Baler, Twine Tie, Always Kept Inside; J.D. C-392, 3 Pt. Hitch Seeder Spreader; N.I. #19 Manure Spreader, Good Condition; N.I. #504 Manure Loader, 60" Manure Bucket and 8 Ft. Snow Bucket, Fits All I.H. Tractors w/2-Way System; Century 500 Gal. Low Profile Sprayer w/45 Ft. Boom and Dye Marker. 3 Yrs. Old. Like New; 3 Pt. Hitch 7 Ft. Mower; I.H. #400 Cylco Planter, 4 Row Wide, Dry Fertilizer; #70 I.H. 7 Bottom 14" Trailer Plow w/Yetter Disc Coulters; I.H. 541 4 Bottom 16" Mounted Plow 3 Pt. w/Yetter Disc Coulters; I.H. #[illegible]5 Vibra-Chisel 22 Ft. w/Wings and Midwest Buster Bar; I.H. #470 Wing Disc Harrow 18 Ft. Good Condition; Chattanoga 20 Ft. Packer w/End-Wise Transport; Two Grain Moisture Testers, Grain Probe; 1973 Chev. Impala 4 Dr. Sedan, Auto, PS, PB and 350 Eng. Good Mech., 115,000; Assortment of Used Tires and Wheels; New and Used Repair Parts.

TERMS: CASH OR GOOD CHECK

SALE CONDUCTED FOR:
BERNARD & REBECCA GARDNER
RD 3 Box 3330
Spring Grove, PA
(717) 225-1959

AUCTIONEER:
Blaine N. Rentzel
Emigsville, PA
(717) 764-6412
PA Lic. #761

Dairy and Livestock Sales

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

THURS. FEB. 19 - 9:30AM Longview Farms (Punk Bros.), Rt. 526, Imlaystown, NJ. Farm Mach., used on 1000 acre potatoe & grain farms. Sale by: Col. Fred R. Daniel Aucts., Inc.

THURS. & FRI. FEB. 19 & 20 - Large Two Day Sale of Farm Eq., etc., at our place of business, 1 mi. E. of Marion, PA, off Rt. 81. Ralph W. Horst, Manager.

FRI. FEB. 20 - 10AM Horse Sale. New Holland Sales Stables, Inc., New Holland, PA. Abe Diffenbach, Manager.

SAT. FEB. 21 - 9AM Farm Toy Show and Auction. Located at the Best Western Inn, in the Mariposa Ballroom. 1245 Harrisburg Pike, Carlisle, PA. Sponsored by the Cumberland Valley Tractor Pullers. Mark K. Keller, Auct.

SAT. FEB. 21 - Tack 9:30AM and Horses 11AM at the Belleville Livestock Mkt , Belleville, PA. Draft Horses, Mules and Driving Horses. Mark Glick, Auct.

MON. FEB. 23 - 10AM Complete Liquidation of Potato Farm Mach. for Wolf Farms, Inc , Stewartstown, York Co., PA. Owned by Wolf Farms, George Wolf and Sons. Pirrung Aucts., Inc.

TUES. FEB. 24 - 9:30AM Farm Machinery and Tractors. Located along Meadow Valley Rd., Ephrata, PA. Edwin Horning and Sons, Owners.

TUES. FEB. 24 - 9:30AM Farm Mach., Mules, HH. 1 mi. E. of Intercourse, PA. Samuel L. & Rebecca Esh, Owners. Steve Petersheim & Steve Jr., Aucts.

WED. FEB. 25 - 9AM Holstein Herd, Milking Eq., Farm Mach. Aquilla & Anna Mary Stoltzfus. Steve Petersheim & Steve Jr., Aucts.

THURS. FEB. 26 - Farm Eq. Located Cumberland Co., 132 Park Drive, Boiling Springs, PA. Ferman Landis, Owner. Foreman's Auctioneering.

THURS. & FRI. FEB. 26 & 27 - 9AM Ea. Day. Antique Tractors & Engines, Parts, New, Used & Abused Farm Eq. 10 mis. E. of Lanc., 2½ mis. W. of New Holland, turn off Rt. 23 on S. Groffdale Rd., turn left on Musser School Rd. Lanc. Co., PA. Terms: Elias S. Beiler. Aucts.: Robert E. Martin & Son, Blaine Rentzel & Ed Goodrich, Jr.

AUCTION SALE

Trustee's Sale In Bankruptcy
COMBINES - TRACTORS - TRUCKS - IMPLEMENTS

Under and by virtue of the power vested in the jurisdiction of the United States Bankruptcy Court for the District of Maryland, Case No. 86-5-2156, in Re: I. R. Swann & Sons, Inc., a body corporate of the State of Maryland, and after due notice to creditors and with the consent of secured creditors, the undersigned Trustee will sell at Public Auction, on Preston-Easton Rd., Rt. 331, Easton, Md., free and clear of the interests of creditors, the lien of any creditor to attach to the proceeds of sale, all of the following described personal property, on

SATURDAY, DECEMBER 20, 1986
Beginning at 10:00 A.M.
Preston-Easton Rd., Md. Rt. 331
Easton, Maryland

1981 John Deere 7720 w/Mug hog, 220 flex header, tiger jaws, 2922 hours
MF 760 combine, 2495 hours, Sn 1746-8823
AC-L-2 hydrostatic w/1675 hours, Sn 12227 w/AC-320 - 20' grain table
AC-A-630 - 6 row corn head

Trucks and Trailers

1978 International 2200 truck tractor, 12 speed, twin screw, 350 Cummings, wet line, 399,094 miles.
1978 International 1800, twin screw, 22' Russell body, 43,000 GVW
1979 Fruehauf dump trailer, 30' on 30' frame, wet line
1976 GMC 6000, w/15' Garwood dump, 5x2 trans., 87,000 miles, V-8, slight body damage
1974 GMC 6000, 16' Russell body, 366 engine, 96,000 miles
1974 GMC 6000 w/16' dump body, 5x2 trans.
1969 International w/tag axle, 6 cyl., 5 speed, air, two speed w/19' Russell grain body, 26,000 GVW
1964 International 1700 w/18' Russell body, 345 engine, 5x2 trans., 23,000 GVW
1977 GMC spray truck w/John Blue 1250 gal. stainless steel tank, 50' boom, hydro. adj. and boom.
1978 D&D gooseneck trailer 24'
1965 Chevrolet C-60, 4x2 trans., w/20' Schwartz roll back w/winch
1978 GMC pickup, parts only 4WD
1972 GMC pickup, parts only

Tractors

Case 2870, 4 wheel drive, 20.8 tires, 1779 hours, 3 pt. hitch.
AC 7060 cab and air, 20.8 x 38 tires, power shift
AC 200
International 966 w/TA, 2339 hours, dual remotes
Case 1370, Agri-King, cab and air, power shift, trans. problems
Massey 1155 w/20.6 tires, cab, 4000 hours
Case 1370 w/ROPS cab, 2950 hours, power shift
Case 1370 w/cab, rear problems
International 770 high boy sprayer
Case 450 crawler loader w/4' bucket

Planters

Kinze 11 row no-till planter, liquid Monitor, 3 bu. hopper
White 12 row 30" air no-till coulter, w/liquid pump
White 6 row 5100, 30", air, heavy duty no-till air w/insecticide
John Deere 8300, 21 spout drill, double disc openers

Implements

1985 New Holland 488 haybine, Sn 676686
New Holland 851 round baler, auto wrap
New Holland Mdl 892 - 2 row chopper w/grass head
New Idea chuck wagon on 10 ton chasssis
Agro-Tec 500 gal. saddle tank
Westco 6 row 30" cultivator
Case K23B - 23' hydro fold disc
Brillion 27' packer
100 gal. sprayer for trike
International 2350 loader
Danco PD-2 ditcher
International 720 8x18 high clearance plows
Post hole digger
Gehl forage wagon
510 New Holland manure spreader
516 New Holland manure spreader
215 New Idea manure spreader
2 John Deere RM 4 row cultivators
JD 1450, 5 x 16 plow
JD slide axle trailer
New Idea 279 cut/ditioner
1975 Homemade tandem axle 21' beaver tail
Brillion 21' Pulvimulcher

TERMS: CASH OR GOOD CHECK ON DAY OF SALE.

LLOYD O. WHITEHEAD, Trustee

PETE RICHARDSON AUCTION SALES
P.O. Box 51
Willards, Md. 21874
Phones: (301) 546-2425 Office
(301) 742-6220 Home

PUBLIC AUCTION

65 M/L ACRE FARM
FRIDAY, DEC. 19, 1986
11 A.M.

LOCATED: From Lancaster, Pa. take Rt. 222 South approx. 10½ miles, turn East on White Oak Rd., go 1¼ mile, turn left on Stively Rd. to 2nd lane on left.

Property consists of a 2½ story, 7 room frame house with slate roof and storm windows & doors. 3 Bedrooms & bath on the 2nd floor. Living room, dining room, large kitchen & laundry room on the 1st floor. Attic, full basement, hot water heat.

Main barn has collapsed. Tobacco barn measures 30'X55' of frame structure. Pole barn measures 30'X67' includes a lrg. corn crib.

The Farm contains approx. 65 acres. About 52 acres tillable, 6 acres of meadow, 4 acres of wood land, balance occupied by Bldg's. There's a small spring fed stream flowing through the farm. There's approx. 550 ft. of road frontage along Stively Rd. and approx. 1,100 ft. along White Oak Rd.

OPEN HOUSE: Nov. 29 & Dec. 6, from 1 to 4 P.M. TERMS: 10% down, balance upon settlement.

AUCTIONEER'S NOTE: The land is of highly productive soil. The location is Strasburg Twp., Lancaster Co. A very quiet setting with a long gravel lane.

TERMS BY
WILLIAM E. CRAMER &
BETTY J. CRAMER

Auctioneers Conducting Sale:
Lloyd Kreider, AU000513L,
Randal Kline, Roy Good 717-786-3394
Atty.: Appel, Yost & Sorrentino

KREIDER & KLINE AUCTION SERVICE

PUBLIC AUCTION

Tractors, Farm Equipment, Tools, Straw
WED., DECEMBER 31, 1986
10:00 A.M.

LOCATED: York County, PA Rt. 30 to Hellam Exit, South across Rt. 462 (E. Market Street) onto Freysville Road, 2 Miles to Fry's Lane on Left, 1st Farm on Right.

New Idea 323 Corn Picker (excellent shape). Allis Chalmers C Tractor w/Hydraulics, Cultivators and 2 Row Mtd. Planter. John Deere Model A Tractor (1945) (A1 condition). John Deere Model H Manure Spreader. Smoker 32' Elevator. BMB 5' Pull-Type Rotary Mower. Approx. 300 Bales Wheat Straw (to be sold by bale).

New Holland 66 PTO Baler, Case 4 Bar Rake, AC 2 Row Mtd. Planter, J.D. Lime Drill, 2- 14' Flat Wagons w/Side and Back Ladders, 12' and 20' Alum. Corn Elevators, Front Mtd. Circular Saw, 8 Row Field Sprayer w/Poly Tank, 3 Sect. Spring Harrow, Rhome Disk Harrow, Cement Mixer, Potato Plow, Garden Seeder, Garden Cultivator, JD Walking Plow, 2 Drag Sleds.

2 Iron Butcher Kettles w/3 Ft. Stands and Lids, Wooden Wheel Barrow, 500# Platform Scales, Lard Press, Scalding Trough, 3 Whl Freight Cart, Benches, Wash Tubs, Iron Picket Fence, Wagner Turner Drill Press, Anvil, Elec. Motors, Shop Vacuum, Chain Binders, Log and Tow Chains, Tire Chains, Lot 1" Turkey Wire, Ladder Wooden Gates, Dolly Wheels, Strap Steel, Stove Pipe, Storm Windows, Asbestos Siding, Barn Hinges, and More.

TERMS: CASH OR GOOD CHECK.

NOTE: This equipment is in exceptional condition, operated by owner on 20 acre farm and kept under roof.

SALE CONDUCTED FOR:
MR. & MRS. RICHARD E. DIETZ
RD 24
York, PA
(717) 755-4215

AUCTIONEER:
Blaine N. Rentzel
Emigsville, PA
(717) 764-6412
PA Lic. #761

LONE SYCAMORE
COMPLETE DISPERSAL
THURSDAY, DEC. 18th, 1986
11:00 A.M.

Location: Near Oxford, Pa.
From US Rt. #1 get off Exit Rt. 472. Go East about ½ mile to farm on right. From Rt. 10 follow south to Rt. 1, then proceed south one exit to Rt. 472.

-87 HEAD SELLING-

Registered Holsteins
40 Cows, 47 Heifers
and Calves

5 Head Are Red & White
1986 RHA 35 Hd.
19,881 Milk 659 Fat.

The sale will feature 10 dtr's and 16 Gr. Dtr's of the famous Ideal Home Elevation Jolly 2E- 93 GMD with two records over 1100 lbs. fat.

Sires Represented- 9 Glendell, 7 Elevation, 6 Pete, 5 Valiant, 5 Chairmans. 12 Sell from a Jolly Rotate Son.

Service Sires- 11 Bell, 6 Tradition, 6 Mandingo, 4 Chief Mark, 4 Rotate, 3 Ned Boy.

Call or Write for a Catalog Today

BACKUS ASSOCIATES, INC.
Sale Managers & Auctioneers
AU-000034-L
Mexico NY 315-963-7231
P.O. Box 424 Elizabethtown PA 17022 717-367-9236

Dairy and Livestock Sales

DISPERSAL of LANCASTER COUNTY HERD

AT NEW HOLLAND SALES STABLES
WED. AFTERNOON, DECEMBER 17, 1986
At Approx. 2:30 P.M.

52 Head of Mostly Home Raised Young Cows. Approx. 10 Just Fresh, 15 Springers. Balance All Stages. 4.11 Butter Fat Test From Creamery. Selling Only Because Farm is Sold. Good Size & Elders.

Consigned By
SHADY LANE DAIRY SALES, INC.
23 Shady Lane
Quarryville, Pa. 17566

GLENN D. FITE
717-786-2750

DAVID L. FITE
717-786-1725

By Order of NATIONAL BANK OF BOYERTOWN
Modern Office/Comm'l Bldg.
2 Stories • 26,500 Sq. Ft. Incl. Basement
MAJOR TENANT: "MCDONALD'S" RESTAURANT

PENN SQUARE, READING, PA.

S/E Cor 5th & Penn Sts Heart of Pedestrian Mall
Revitalization Area Zoned PENN SQUARE SOUTH

AUCTION
Subject to Confirmation

Possession Subject to Long term McDonald s Lease
FINANCING AVAILABLE *(Request Information)*

BRICK/MASONRY CONST HEAT PUMPS
3 add'l vacant stores on 1st Floor
UPPER LEVEL Spacious, modern offices
Inspection: Fri , Dec 12 from 1 to 3 P.M

Sale On Premises:
FRI., DEC. 19, at 1 P.M.

15% Deposit • Request Illustrated Brochure

Louis Traiman
AUCTION COMPANY
PA License AU-950-L
Real Estate Brokers — AUCTIONEERS
1519 Spruce St PHILADELPHIA PA 19102 (215) 545 4500
NEW JERSEY (609) 541 0099 • WASHINGTON DC (202) 682 39[illegible]

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

THURS. FEB. 26 - 11AM Robert England, Gordon Rd., Robbinsville, NJ. Big Grain Farm Mach. Sale by Col. Fred R Daniel Aucts , Inc

SAT FEB. 28 - Farm Eq. & HH. Aaron Ebersol, along Churchtown Rd , ½ mi. S. of Cambridge Nevin Martin & Lewis Groff, Aucts.

SAT FEB 28 - Fifth Annual Lancaster Farm Toy Auction, Show and Sale at Lancaster Treadway Inn, Route 30 and Oregon Pike (Rt. 272), Lancaster, PA. Show and Sale 9AM to 3PM. Auction starts at 5PM. Auctioneer-Wally Hooker.

SAT. FEB. 28 - Farm Eq. Located 3 mis. N. of Manville, PA. H. John and Mary S. Martin, Owners. Paul Martin & John D. Stauffer, Aucts.

SAT. FEB. 28 - Farm Machinery. Landisburg, Perry Co., PA. Gary Haas, Owner. Kling's Auction Service, Sale Mgrs.

MARCH

MON MAR. 2 - Farm Mach. Landisburg, Perry Co., PA. Dean Pannebaker, Owner. Kling's Auction Serv., Sale Mgrs.

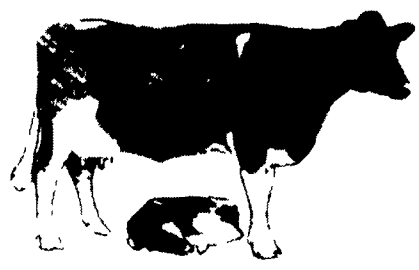
WED. MAR. 4 - Farm Mach. Carlisle, PA. Donald Ellerman Estate. Kling's Auct. Serv.

FRI. MAR. 6 - 9AM Machinery. At the Belleville Livestock Mkt., Belleville, PA.

FRI. MAR 6 - 10AM Horse Sale at New Holland Sales Stables, New Holland, PA. Abe Diffenbach, Manager.

SAT. MAR. 7 - 9:30AM Farm Eq., HH, Antiques. Located along Newswanger Rd., 1 mi E. of Hinkletown, Ephrata Twp., Lanc. Co , PA. Terms by: Alvin H. & Anna Weaver Paul W. Horst & John Fry, Aucts.

SAT. MAR. 7 - Farm Eq. & Tools. David H. Martin, along New Holland Road, 1 mi. S. of New Holland. Nevin Martin & Lewis Groff, Aucts.



Annual Christmas Sale

at Shady Lane Dairy Sales Inc.

¼ mile west of Quarryville. Off Rt. 372 on Oak Bottom Rd.

Wednesday Evening, December 17, 1986 at 7:30 PM Sharp

175 Head Of Reg. & High Grade Holsteins
75 Head Reg. & Grade Springers

Sale Consists Of:

10- From Robert J Meredith, Rt #2 Frederick, Md including-
#1 Columbus daughter due Jan 1 to Conductor out of a 86 pt Marvex with 06 00 291 23,560 4 0 941
#2 Lone Ranger daughter bred to Chief out of 23,830M 726F Dam
#3-A Mil Nor due Dec to a Conductor Son out of a 23,420 4 0 792F Dam
#4- A Rocket due Dec to a Conductor Son out of a 25,020 3 7 924F Dam
#5- A Marvex Due or fresh sale time to Chief out of a 23,830 3 4 803F Dam
#6- Fresh Comet daughter out of a 21,830 4 1 893F Dam
#7- Fresh Violin Daughter out of a 17,270 3 8 667 first calf heifer
#8- Mariner fresh to Chief out of a 29,910 3 4 1013 Dam
#9 Superior fresh out of a 21,880 4 2 931 Dam
#10- Fresh Dynamo out of a Jemini with 21,100 3 6 735F
5- From Robert Kauffman, Peach Bottom, Pa.
#1 Citation R out of a VG86 Gold Medal dam Heifer has Maternal sisters with over 30,000M 1002F
#2 Stewart out of a VG85 Dam with 29,679 3 5 1033 Just fresh with 72 7 Lbs
#3- Citation R due in April out of a 23,685 3 6 852F Dam
#4- Tony due Jan 29 out of a Pacemaker with 24,679 3 4 858
#5- Starwars out of a Milu with 26,994 3 6 974
7- Fresh outstanding 3 year olds. All registered including-
#1- Chairman just fresh with 80 lbs already 02-01 305 15,748 3 8 593
#2- Fresh Elvate daughter with 02-00 350 16,131 3 8 608 Fat
#3- Fresh Pete grandaughter with 02-03 352 19,008 4 0 757F
#4 Elvate daughter due Jan 1 with 01 11 328 16,536 511 Fat
#5 Pete grandaughter with 02 02 301 20,301 600 Fat
20- Top fresh cows from New York averaging 70 lbs
10- Top Young cows from Milton & Joyce Edwards, Cochranville, Pa
8- From Dan Vosburg, Queenstown, Md.
#1 A Tippy out of an Excellent Elevation also selling her Chairman daughter
#2 A VG Pete with 27,000M out of a EX 91 Pt Dam
#3 A Quality, bred heifer out of an Excellent Leader
#4 A Columbus daughter & her Ned Boy Calf
#5- 2 Traditions 1 from a Triple Threat & 1 from a Columbus Next 2 dams Excellent
5- Red & Whites including a Ceneca Chief Red out of a 24,000 781F dam- rest all grade springers

Top Registered Bull Born 11/22/84
Sire- Scenic View Chief Apollo J
Dam- Poverty Hollow Milestone
05-00 365 29,005 3.7 1067F.
N Dam- Guy daughter VG 85 pts.
05-03 305 23,950 3.5 842F.
Next 2 Dams 89 pts. & over 200,000 lifetime.

Plan to attend this special Christmas Sale of top individuals- This is one of the very few sales we have with no herd dispersal because of the number of top individuals. We have a herd dispersal at New Holland Sales Stables, the afternoon before- plan to attend both.

Sale Managed By

Shady Lane Dairy Sales, Inc.

23 Shady Lane, Quarryville, Pa. 17566

Glenn D. Fite
717-786-2750

—Owners—

David L. Fite
717-786-1725

"Six Generations of Sales & Service"

Dairy and Livestock Sales

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

SAT. MAR. 7 - Bart Twp. Fire Co. All Day Sale of Horses & Mules, Farm Eq., Hay & Straw, Building Materials, HH. Located Village of Georgetown on Rt. 896. Lanc. Co.

SAT. MAR. 7 - Farm Eq. Located between Lincoln and Brunnerville, PA. Allen W. and Bertha W. Weaver, Owners. Paul Martin & John D. Stauffer, Aucts.

SAT. MAR. 7 - Farm Mach. RD #3, Newville, PA. C. Everett Warner & Rodney Nailor, Owners. Kling's Auct. Serv., Sale Mgrs.

MON. MAR. 9 - Consignment Sale. Farm Machinery & Related Items. Lebanon Fair Grounds. Held by Lebanon Valley Auction Co For information: 717-866-2135 or 717-272-4641

TUES. MAR. 10 - Farm Eq. & HH. Martin W. Zeiset, along Churchtown Rd., 1½ mi. S. of Churchtown. Nevin Martin & Lewis Groff, Aucts.

TUES. MAR. 10 - Dairy Herd Dispersal. RD, Mechanicsburg, PA. Norman Hertzler, Owner. Kling's Auct. Serv.

THURS. MAR. 12 - Farm Mach. Mechanicsburg, PA. Ashcombe Farms, Owners. Kling's Auct. Serv., Sale Mgrs.

FRI. MAR. 13 - 9AM Farm Eq. New Holland Sales Stables, Inc., New Holland, PA. Abe Diffenbach, Manager.

AUCTION SALE
TRUSTEE'S SALE IN BANKRUPTCY
REAL ESTATE- SAW MILL EQUIPMENT- MACK TRUCKS- FRUEHAUF TRAILERS

Property of Denton Trucking, Inc. and Richard Perry Mezick

SATURDAY, DEC. 27, 1986

Hobbs Rd.- Market St.
Denton, Md.
To be sold at 10:00 A.M.

12 acres of land improved by a nice office building and saw mill building.

Sawmill Equipment: O-1 Frick carriage timber tiger, takes 20' logs, all air; Tyrone Berry- 215 feed; Mobark EM36 DeBarker line head; Fulghum 60"- 6 knife chipper; 200 hp motor; Mellott #5 log turner; 11' saw mandel; 60' Toledo inground mechanical scales Sn4361; 2 Englo 5 hp conveyors, 3 phase; 83' Webster vibrating conveyor; 52' 3 Stran conveyor; Corley sliding arbor double saw end trimmer; Weise single arbor edger; 20'-12" traught conveyor; 4 Stran 24' line deck w/air kickers; 26' Horizontal slide off bearer; Starters, capactors and cut off's 52'- 3 stran conveyor; 76' green chain; 55'-18" belt conveyor.

The following to be sold at 1:00 P.M.- All the following real estate and trucks and trailers to be sold at Denton Trucking, Crystal Avenue, Denton, Maryland.

The Real Estate is located on the Choptank River and Robins Creek between Harmony and Denton. The property consists of approximately 20 acres of highland and is improved by a small house built of 6x6 timbers with 2 bedrooms, one bath, living area, small kitchen and eating area, 2 porches, a partially completed 24'x48' outbuilding, swimming hole with dive and dock.

Trucks- 11 Macks- 3 Macks for parts: 2- 1980 Mack R686ST, 300 engine w/wet line; 3- 1979 Mack R685ST, w/wet line; 1978 Mack R685ST, needs engine rebuilt, wet line; 2-1974 Mack R685ST, wet line; 1976 Mack 3686LST, wet line, alum. frame, needs work and parts; 1970 Mack R685ST, parts only; 1970 Mack R685ST, wet line; 1963 GMC yard truck; Fiat Allis 545 Loader; Fiat Allis 345B w/Rockland Log Clamp.

Trailers- All dump trailers w/wet line: 1981 Bobcat line bottom 42' trailer, 85 yd. wet line; 1979 Bobcat line bottom 40'- 85 yd. wet line; 1980 Fruehauf 32' dump W.L.; 1979 Fruehauf 32' dump; 1969 Fruehauf 65 yd. 33' dump L.; 1971 Fruehauf 33' tall dump W.L.; 1959 Fruehauf steel dump 82 yd. 30'; 2- 1970 Fruehauf 30' dump; 2- 1980 Fruehauf 42' flat w/head board; 1969 Fruehauf 40' flat; 1973 Fruehauf 40' flat side axle; 1955 Fruehauf box w/no top; 1970 Fruehauf flat; 2- 1974 Fruehauf 40' flat side axle; 1971 Fruehauf 40' flat; 1970 Evans pole trailer; 1961 Baker pole trailer; Homemade trailer.

Shop Equipment: Hydraulic crane, variable speed drill press, rims, 4 bolt bins, vise, Linde 230 amp welder, air grease guns, hydraulic jacks, 20" & 22" cases for recapping.

Terms: Personal property: Cash on day of sale, Checks will be accepted from residents of the Delmarva Peninsula when drawn on a local bank. All others must be accompanied by a current Letter of Credit from a bank which is federally insured.

Real Estate: $5,000 down on each property, deferred portion due 45 days at 10% interest.

For full particulars contact the auctioneer or see Editions of Times-Record, Denton, Md.

Trustee,
LLOYD O. WHITEHEAD

Pete Richardson Auction Sales
P.O. Box 51, Willards, Md. 21874
Phones: 546-2425 Office 742-6220 Home

CONSIGNMENT SALE
OF FEEDER PIGS & FEEDER CATTLE
FRIDAY, DECEMBER 19, 1986
at 6:30 P.M. Sharp

Held at Keister's Middleburg Auction Sales, Inc. Rt. 522 3 miles east of Middleburg, PA, 5 miles west of Selinsgrove, PA.

Early consignments accepted
Bring a load - buy a load
Owners,
DON & WALT KEISTER

For information call
717-837-2222, 717-966-2856
or 717-523-0360
Terms: Cash
Auctioneers:
Bryan Imes & Ray Long
Restaurant Open

PUBLIC SALE
FRIDAY, DECEMBER 19, 1986
10:00 A.M.
VALUABLE REAL ESTATE

Located one mile east of Bartville, one mile south of Nine Points, first farm east of Route 896 along Bartville Road, Bart Twp., Lanc. Co., Pa.

80 ACRE FARM MORE OR LESS

Approximately 62½ acres tillable, balance permanent pasture and woodland.

Bank barn with 32 stanchions, box stalls, horse stable.

13'x60' concrete stave silo, milk house with 600 gallon bulk tank.

32'x75' tobacco shed, corn barn, carriage shed. Room to hang several acres of tobacco.

Double stone and frame house with thirteen rooms, enclosed porches.

Inspection any day except Sunday.
10% Down balance and possession on or before Feb. 14th, 1987

AARON K. AND LIZZIE LAPP, Owners

Wenger, Byler, Thomas Atty.
Sale At 10:00 A.M.
Diffenbach's Auct. 225L

PUBLIC AUCTION

Discontinuing farming, the undersigned will sell on the farm located west of Hagerstown, Md. and 4/10 mile west of I-81 on Route 58 to Broadfording Road, west 2 miles on Broadfording Road to farm.

WED., DECEMBER 17, 1986
at 10:00 A.M.

80 Head of High Grade Holstein Dairy Cattle 80

Consisting of 52 head of dairy cows of which 30 have freshened since Sept. 1, 5 due to freshen in first week of Jan.; 4 first calf heifers due to freshen near sale date; balance in different stages of lactation. 19 mo. old registered son of Valiant also sells. 28 Holstein heifers, of which 4 have been exposed, balance range from started calves to breeding age, 2 being red & white. This is a well uddered young herd with good size & dairy character - 16 head selling are 1st & 2nd calf & 17 are 3rd calf cows. Herd is averaging milk in the fifty's & testing 3.7%. Bangs & T.B. tested within 30 days of sale for interstate shipment. Pregnancy examined by vet.

Sale held in tent
Loading chute available

Feed & Dairy Supplies

Approx. 1800 bales of alfalfa & alfalfa mixed hay; approx. 550 bales of timothy hay; approx. 225 bales of timothy & orchard grass hay; approx. 200 bales of oats straw; approx. 100 ton corn silage on silage pile; approx. 250 ton corn silage in silo with unloader; approx. 40 ton ear corn in wire crib; 35 round bales of corn fodder; 27 round bales of timothy & orchard grass hay. Hay & straw by bale, ear corn by ton, silage offered by bulk. Agway breeding wheel. Dairy supplies left by sale.

SALE ORDER: Dairy supplies, feed with cattle sale beginning at 11:00 A.M.

NOTE: Tractors & Machinery to be sold early 1987.

TERMS: Cash - Not responsible for accidents.

ELDON & BETTY EBY
Phone (301) 797-7134

Auctioneer: Robert C. Mullendore
Clerk: C.L. Metz

Lunch Rights Reserved

Christmas Holiday Sale
Friday, December 19, 1986 at 12:30 P.M.

To be held at Smoketown Quality Dairy Sales- Smoketown, Pa. Rte. 340

6 HEAD CONSIGNED BY ARNOLD ACRES HOLSTEINS,

RD2 Box 665, Lebanon, Pa. 17042
Mike 717-274-2317 or Ed 717-272-9973

* Arnold Acres Rocket Jangles, GP 81
Sire- Whittier Farms Appollo Rocket
4 yr. 4 mos. 365 dys. 24,669M 3.3% 810F.
Fresh Sept. 11. Nov. Test 88 lbs. 3.5%.
Dam- GP 83, lifetime to date 140,000 lbs.

* Arnold Acres Ford Watusi, Good 78.
Sire- I.O. State Chief Ford.
3 yrs. 4 mos. 305 dys. 24,369M 596F.
Just fresh milking 100 lbs.
Dam- VG 86, lifetime to date 126,000 lbs.

* Arnold Acres G.V.S. Legacy, GP 81.
Sire- Glen Valley Star
3 yrs. 2 mos. 335 dys. 19,194M 3.6% 697F.
Fresh Sept. 27. Nov. Test 80 lbs. 3.2%.
Dam- GP over 120,000 lbs. lifetime

* Arnold Acres Persuader Poncho, GP 82.
Sire- Plushanski Persuader
3 yrs. 1 mo. 323 dys. 20,070M 3.8% 736F.
Fresh Sept. 12. Nov. Test 80 lbs. 4.4%.
Serviced 11/29/86 to Bit-O-Wind Star War.
Dam- GP with a 4.0% test.
Next Dam- VG 88, over 100,000 lbs. lifetime.

* Arnold Acres Pep Jeepers, GP 80.
Sire- Molly Chief Son
3 yrs. 5 mos. 305 dys. 22,500M 3.2% 712F.
Fresh Sept. 1. Nov. test 82 lbs. 3.4%.
Serviced 11/18/86 to Tri-Town Steady Spipper.
Dam- EX 3 yrs. 10 mos. 365 dys. 26,182M 3.5% 919F.

* Arnold Acres Armond Pet.
Sire Apollo Rocket Son.
Fresh with 1st calf Oct. 18. Nov. test 52 lbs. 3.3%.
Dam- 3 yrs 6 mos. 365 dys. 19,024M 3.8% 727F.

This Dairyman Was Over Stocked

Catalogs Day Of Sale

Sale Managed By:
SMOKETOWN QUALITY DAIRY SALES
Gordon & Helen Fritz
717-393-0930

Christmas Holiday Sale

Friday, December 19, 1986

AT 12:30 P.M.

HILLSIDE FARM HERD DISPERSAL

Wm. Dennis — Wayne Co.

To be held at Smoketown Quality Dairy Sales- Smoketown, Pa. Rte. 340

COMPLETE HI GRADE MILKING HERD DISPERSAL

15 Short Bred & Open Heifers To Calves. D.H.I.A. 15,761m. 3.7% 549 F. Over 50 Lb. Avg.

All home raised- some calfhood VACC. Avg. age 46 mo. Innoculated with Bar 4 Somnus- Nazelgin T.B. & Bld.- 30 days. Sired & Bred by Sire Power & Select Sire. Cow families Dams & Dtrs.

Dam- Lulu- Sire Jet Stream Fr 8-30 80 lbs m 4-9 17,537m 630F - Proj This Lact 19,000m. 630F
Dtr. Lola- Sire Wiseman Born 7-14-84
Dam- Pia- Sire Creek- Fresh 10-21 82 lbs
Dtr - Spirit- 1st Calf Just Fresh 50 lbs
Dam- Maude- Sire New Hope- Due 12-29 20,118-3.6-729F
Dtr - Rhoda F 28- Sire Pac-Man Fr 8-3 56 lbs 1 yr. 11m. Proj. 16,000-581- Due July
Dam #1616- Sire Jet Stream- Fr. 8-5 67 lbs. Proj. 16,463- 599.
Dtr.- Kelly- Creek- Fr. 8-17 78.5 lbs. 4.1%- 17,562 m. 661F. Due 8-17. Grd. Dtr.- Y 1-129- Due Feb. To A.I. Grd. Dtr.- Nina Sire- Patriot- 3 Yr. 65-70 lbs. Fr. 11-26-86.
Dam- Buster- 5 yr. Fresh 85 lbs 3 yr. 14,889m. 596F.
Dtr.- Sire Wiseman- Fr. 9-13 53 lbs. Due 7-18- Proj. 14,090- 530F.
Dam- Peanut- Jemini Fr. 8-9 78 lbs. Due 7-26- Proj. 17,567- 584F.

Dtr.- Ranger- Sire Lone Ranger Due 1-13- 14,363m 3.8%.
Dam- Bambi- Jet Stream- Fr. 10-16- 93 lbs. 3-8 17,004 652.
Dtr - Fawn- Deacon E.T.- Due 3-14 to Mandingo. 1 yr. 11m. Proj 12,239m 420.
Dam- Snowbird- Just Fresh- 70 lbs.- 4-11 15,378 561.
Dtr.- Nannete- Sire Trump- 48 lbs. Proj 12,935.
Dam- Martha- Proj. 23,739m. 752F.
Dtr. #46- Chairman- Born 4-19-86.
Dtr. #35- Chairman- Born 5-21-85.
Grade Ned Boy Calf- Grade Archie E.T Calf.
Jackie- Fr. Nov. Winston Executive- 4 yr. old- 65 lbs. 4.4%.
Pebbles- Nowerland Elevation Rocky- Fr 10-6- 67 lbs.
Jose- Jemini- Fr. 10-26 66 lbs.
Dam- Gretel- Jet Stream- Fr. 2-20- 7-4. Proj. 20,124m. 643.

Dtr #43- Chairman Dtr - born 2-20-86
Reg Jemini 1/20/84, VAC Dam Jet Stream G+82 4 Yr 3 yr 13,840m 504F
4 yr 14,710m. 3 9 567F
Bred To Willow Farm Rockman Ivanhoe
Reg. 2 Yr Old K-Way Apostle King Vic w/Heifer Calf By Ecraso Astro Glen Jack
Dtr Avg. 20,796m. 3.49 719F
Dam Ocean View Sexation
2 yr. 15,620m. 3.9 607F.
Next Dam Milky Way
4 yr. 11m. 305d. 19,410m 709F.
6-0 300d. 20,100m. 721F
Reg. Sire- Knolltop Reckers Ace
Born- 12-1-84- VACC
Dam- Falcon Dtr.
1-11 305 13,660m. 3.9 532
3-11- 54- 4700- 3.5- 164-Inc.
Proj 20,715- 720
Next Dam- Molly Chief
2 Records Over 20,000m. 3.9% 786F.

5 FANCY REG HEIFERS FROM STONY LANE FARM DISPERSAL

Bred To Sire Power Elvin, Vagabond, Standard

Sire- Lawcrest Marvex-Twin.
Dam- Jupiter dtr. Over 17,000 to over 19,000M. 730F. 80 lb. Dam.
Sire- Tower-View Persuader-King.
Dam Very Dtr. 2 Yr. Old Milked 66 Lbs.
Next Dam 3 Yr. Over 13,000M. 462F.
Next Dam Over 20,000M

Sire- Tower-View Persuader-King.
Dam- Transformer Dtr. 2 Yr. Old Over 14,000M. 64 Lb. Dam.
Next Dam Over 19,000M. 623F.
Next Dam 2 Records Over 18,000M. Over 700F.

Sire- Tower-View Persuader-King.
Dam Sampson Dtr. 93 Lb. Milk
Next Dam Appollo Rocket.
2 Yr. Over 18,000M.
3 Yr. Over 19,000M. 4.1 Test Over 800F
Next Dam Avg. 4.7% Test.
Sire- Knolltop Recker Ace.
Dam 2 Yr. Old Over 14,000M. 4%- 4.3 Test.

This Dairyman Bred For Fall & Winter Milk- Sharp Cattle. This Is A Good Uddered Herd Of Cows. Milking Good. Never Pushed For High Production. No Help Reason For Selling.

3 BIG STRONG REG. HOLSTEIN BULLS - READY FOR SERVICE

#142- Sire- Carlin- M Ivanhoe Bell.
Dam- 5-4 305d. 18,817m. 4.4% 820F.
7-6 347d 19,793m. 4.0% 802F.
8-7 359d. 22,433m 3.9% 893F.
Lifetime 150,000m. 6,100F.

#143- Sire- Marshfield Elevation Tony
Dam- Arlinda Cinnamon.
3-0 324d. 21,136m 3.9% 830F
Gr. Dam- Harrisburg Gay Ideal.
3-1 305d 19,070m. 3.9% 737F.
4-4 305d. 22,480m. 4.0% 893F
5-11 305d. 21,230m. 3.6% 773F

#145- Sire- Cal-Clark Board Chairman
DAM- 5-3 305d 21,248m 3.5% 740F
6-7 358d 20,261m 3.9% 798F.
Lifetime over 100,000m.

Best Wishes For The Holiday Season!

Catalogs Day Of Sale

Sale Managed By:

SMOKETOWN QUALITY DAIRY SALES

Gordon & Helen Fritz

717-393-0930

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

FRI. MAR. 13 - Consignment Farm Machinery Auction at Keister's Middleburg Auction Sales, Inc., Rt. 522, 3 mis. E. of Middleburg, PA, 5 mis. W. of Selinsgrove, PA. Don & Walt Keister, Owners.

SAT. MAR. 14 - 22 Acre Farmette and Farm Eq. Located between Denver and Reinholds, PA. Wm. D. and Sandra I. Coldren, Jr., Owners. Paul Martin & John D. Stauffer, Aucts.

FRI. MAR. 20 - 6:30PM Consignment Sale of Feeder Pigs and Feeder Cattle. Keister's Middleburg Auct. Sales, Inc., Rt. 522, 3 mis. E. of Middleburg, PA, 5 mis. W. of Selinsgrove, PA. Don & Walt Keister, Owners.

FRI. MAR. 20 - 7PM Horse Sale at New Holland Sales Stables, Inc., New Holland, PA. Abe Diffenbach, Manager.

FRI. MAR. 20 - Farm Mach. Carlisle, PA. John Lippert, Owner. Kling's Auct. Serv., Sale Mgrs.

SAT MAR. 21 - 9AM Kempton Community Center, Northern Berks Co. 24th Annual Spring Sale. 14 Aucts. 215-756-6973, 756-6532.

WED. THURS. FRI. MAR. 25, 26, 27 - Large Three Day Sale of Farm Eq., etc., at our place of business, 1 mi. E. of Marion, PA, off Rt. 81. Ralph W. Horst, Manager.

SAT. MAR. 28 - Farm Mach., Lawn & Garden, Tools, Furniture, and Miscellaneous Consignment Auction. At Rheemstown/Denver light, take Church St. through Rheemstown to Red Run Rd., turn left on Red Run Rd., go 1/10 mi. turn left on Steffy Rd., approx. ½ mi. on left. Terms by: Arthur Nolt and Allen Martin. Roy Good, Jr., Randal V. Kline and Lloyd Kreider, Aucts.

APRIL

FRI. APR. 3 - 9AM Farm Eq. New Holland Sales Stables, Inc., New Holland, PA. Abe Diffenbach, Manager.

FRI. APR. 10 - 7PM Horse Sale. New Holland Sales Stables, Inc., New Holland, PA. Abe Diffenbach, Manager.

TUES. APR. 21 - 7PM Feeder Pig Show & Sale. New Holland Sales Stables, Inc., New Holland, PA. Abe Diffenbach, Manager.

FRI APR. 24 - 9AM Farm Eq. New Holland Sales Stables, Inc., New Holland, PA. Abe Diffenbach, Manager.

FRI. APR. 24 - 6PM Reg. and Grade Heifers, all ages. At the Belleville Livestock Mkt., Belleville, PA.

AUCTIONEER'S DIRECTORY

NOTICE

To assure that your Public Sale appears in the Public Sale Section we must have your advertisement by 4 P.M. Tuesday of each week's publication.

WOLGEMUTH AUCTIONEERS
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DEALER IN ALL KINDS OF LIVESTOCK

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MARLIN S. IRWIN
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250-350 HEAD SPECIAL HORSE SALE WORK HORSES-MULES & DRIVING HORSES

FRIDAY, JANUARY 9, 1987

AT NEW HOLLAND SALES STABLES, INC.
12 Miles East of Lancaster, Pa. just off Rt. 23, New Holland, Pa.
Tack 9:00 A.M. Sale 10:00 A.M.

* 2 Load Work Horses, Mules, and Driving Horses consigned by Ward Wright.
* 1 Load Work and Driving Horses consigned by Bub Leonard.
* 1 Load Driving Horses consigned by Clayton Waterbury.
* 1 Load Driving Horses consigned by Jonas Beiler.
* 1 Load Driving Horses consigned by Reuben G. Stoltzfus.
* 1 Load Driving Horses consigned by Elam B. Stoltzfus.
* 1 Load Saddlebred Driving Horses consigned by Christ Stoltzfus.

Plus many more consignments by sale time.

For more information contact:
Abe Diffenbach, Mgr. 717-354-4341
Norman Kolb 717-397-5538

NEXT HORSE SALE JAN. 23 10:00 A.M.

MATTHEW BELCHER FAMILY

HOP BOTTOM, SUSQUEHANNA CO., PA.

having decided to discontinue dairy operation we have been commissioned to sell on

FRI., DECEMBER 19, 1986
at 11:30 A.M.

at the farm on the corner of Station Hill Road & School House Road 3 miles south of Hop Bottom, Pa. 3 miles north off Nicholson, Pa. Watch for arrows off Rt. 11 at Hop Bottom & Nicholson.

95 HEAD REGISTERED & HI-GRADE HOLSTEIN DAIRY CATTLE 95

54 mature cows (16 reg.) in good flow of milk mostly fall dairy now averaging 50 lbs. at the creamery. Several Fresh, Handling & Springing cows 1 reg. Ayrshire, Albi daughter. Young dairy better than half 1st. & 2nd calf A.I. Sired for years. Calfhood Vaccinated. 5 bred heifers; 21 open heifers good growthy heifers. 12 started calves. Registered Cattle Sires represented: 5 Ted's; 3 Troys; others by Nugget; Strephon & other Eastern Sires: Skyler, Curama, Bestway, Sundance. Blood & T.B. tested. Shipping Fever Shots. Pregnancy Examined.

AUCTIONEER'S NOTE: A fine dairy of cattle that will work for you as they have for the Belchers.

TERMS: CASH OR GOOD CHECK
LUNCH AVAILABLE

OWNERS:
MR. & MRS. MATTHEW BELCHER

HOWARD W. VISSCHER AU959L
Sales Manager and Auctioneer
Nichols, N.Y. 607-699-7250

Dairy and Livestock Sales

NEW HOLLAND SALES STABLES, INC.

Located 12 Miles East of Lancaster, Pa., just off Rt. 23, New Holland.

SPECIAL DAIRY SALE CONSIGNMENTS For WEDNESDAY, DECEMBER 17, 1986
12:00 Noon

- 1 load Purebred and Grade Canadian cows consigned by Brian Dawson.
- 1 load Purebred and Grade Canadian Cows, fresh and springer, consigned by Leroy Smucker.
- 1 load fresh and springer cows consigned by H.D. Matz.
- 1 load fresh and springer cows consigned by Raymond Smucker.
- 1 load fresh and springer cows consigned by Merle Brenneman.
- 1 load fresh and springer cows consigned by Marvin Eshleman.
- 1 load fresh and springer cows consigned by Norman and David Kolb.
- 1 load fresh cows consigned by Dale Hostetter.
- 1 load fresh cows consigned by Alfred Albright.

For More Information Contact:
Abe Diffenbach 717-354-4341
Norman Kolb 717-397-5538

PUBLIC SALE

HOLSTEIN HERD - MILKING EQUIPMENT
FARM MACHINERY - BELGIUM HORSES
FEW HOUSEHOLD GOODS
WEDNESDAY, DECEMBER 17, 1986
9:00 A.M.

Petersheim Auctioneers

Located in Lancaster County, PA, 9 miles East of Lancaster City, 2 miles South of Route 23 along Route 772, Newport Road.

55 HEAD GRADE HOLSTEINS 1:00 P.M. 55 HEAD

40 milk cows, 7 fresh October, 4 fresh November, 5 due December, balance in all stages of lactation; 15 heifers; 4 due this winter; 9 yearlings & breeding age; few calves.

Home raised herd, pure bred bull used for number of years, 30 day charts, pregency checked, herd presently averaging 50 lbs. per cow daily.

MILKING & FEEDING EQUIPMENT

3 - 55 lb. Delaval milker units, sterling pulsators; shut off claws; **Sputnick;** stainless steel strainers; silage & grain carts; shovels; forks; etc.

HORSES & HARNESS ETC.

6 head Belgium horses; 2 Belgium colts; 3 driving horses; 10 sets heavy harness; bridles; collars; lines; jockey sticks; single, double, triple trees, 4 - 5 horse hitches.

FARM MACHINERY

McCormick 2-way plow; John Deere 2-way plow; Oliver single bottom trailer plow; John Deere K.B.A. disc harrow; John Deere 3 section spring tooth harrow; single cultipacker mulcher; single cultipacker; John Deere 999 corn planter with plateless units and Gandy applicator; McDeering corn binder with loader; 2 cylinder Wisconsin engine with clutch; Fox 2000 harvester with table feeder & knife sharpener with hydraulic motor; International 7' bar mower on fore cart hydraulic control; Lombardi diesel sells separate; New Holland 402 hay crimper; Nicholson tedder; John Deere 894 rake; **New Holland 310 baler** with engine; 28' bale elevator; Pequea liquid manure spreader; **New Idea manure spreader, new 1 year;** 7' rotary scythe; John Deere Van Brunt drill, harrow roller combination; 2 - 2 horse cultivators; John Deere and McCormick Lely small seed and fertilizer spreader; Allis Chalmer 45 HP engine; 2 - 1 horse cultivators; walking plow; Molt hammer knife mower with engine; 2 horse scraper blade; New Idea spreader; Champion mechanical transplanter; 5,000 tobacco lath; 3 flat bed wagons; 2 Minick tobacco presses; 3 fore carts; New Idea single row corn picker; 4 cylinder Wisconsin engine with clutch reduction; tobacco shears; 3 hydraulic motors; reduction gear; hydraulic reservoir with filter; John Deere wagon gear only; **Potato digger;** potato grader; 2 small seed hand broad casters; cable winch; chicken coops; Goulds pump; lots of steel fence posts, some new; 2 rolls lawn wire; box wire; hydraulic unit pump with Briggs engine on cart; P.T.O. electric welder; welding rods; approximately 50 wooden fence posts; 2 wagon loads of small items.

International 660 diesel tractor on steel pulley, P.T.O. hydraulic in good condition.

WAGONS, SLEDS & BOATS

Market wagon with roller bearing; spring wagon roller bearing; open buggy roller bearing; 1 horse sleigh; coasting sleds; row boat.

HOUSEHOLD GOODS & ANTIQUES

2 wooden wardrobes, 1 with drawers; 5 matching plank bottom chairs; large rocker; **Hoosier type kitchen cabinet;** 4 oak chairs; double box spring & mattress; 2 night stands; sofa bed; **corner cupboard;** 2 roll away beds; **Warm Morning coal stove,** A-1 condition.

Owners:
JOHN K. & SARAH STOLTZFUS

Auctioneer:
Steve
Steve Jr. **Petersheim:**
717-786-4624
Lic. #AU-001349-L

Plenty of homemade food, proceeds benefit kidney transplant victim.

MELVIN KOLB, INC.

SPECIAL MARYLAND CHRISTMAS SALE

THURSDAY, DECEMBER 18, 1986

DAY SALE 11:00 A.M.

"The place to buy quality Holsteins at their best"

LOCATION: At my Maryland Farm located ½ mile northwest of Woodsboro, Rt. 550 in Frederick County.

175 PUREBREDS AND GRADES, COWS AND HEIFERS 175

50 Extra Big first calf heifers from the New England States.
25 Sharp first calf Purebreds, milking 60-70 lbs. from top A1 Bulls.
75 Top grade cows milking to 100 lbs.
25 Fancy purebred cows, many with good pedigrees, some classified.
1 Service age bull - Purebred Red and White
2 Guernseys 2 Jerseys Several mix breed cows

SPECIAL MENTION

An Extra Special VG SEILING ROCKMAN dtr. Due to MEADOW BRIDGE MILESTONE ET. Dam is GP. Grand dam is VG. Next dam is VG.

A Big nice GP CITATION R MAPLE dtr. 305d 18,520m. Springing VEAZLAND VALIANT DURAN-ET. Dam is VG-87 HANOVER-HILL TRIPLE THREAT dtr. with over 18,000 lbs. Next dam is VG with records over 17,000 lbs.

A STRAIGHT-PINE ELEVATION PETE dtr. 335d 17,815m 4.3% 758f. Fresh with QUILITY EDGE BANNER heifer calf.

A Fancy 2 yr. old KRON ELEVATION CHIEF ELMER dtr.- Fresh. Dam is VG 87 3-3 305 21,540m 3.7% 796f. Next dam is VG 86, Records over 20,000m 4.3%. Lifetime 181,010. Great-Grand Dam is VG 87, Next dam is VG 87.

A Red and White BRIDON ASTRO JET-ET dtr. just a 2 yr. old due to VALMARLYN BANKER.

A nice springing GP CLINTON-CAMP ELEVATION MAJESTY dtr. due to EHRS STARLITE WILLIE. Dam is GP with 305d 19,760m 4.0% 786f. Grand dam is GP.

A GP 4 yr. old BROWNDALE SIR CHRISTOPHER dtr. 3-3 310d 16,940m 3.4% 581f inc. Just milked 114 lbs. for tester. Dam is VG 87 310d 20,600f 4.0% 829f. Next Dam is EX 96-3E All-Amer. Aged Cow, 1979, 349d 25,740m 4.5% 1155f. Next Dam is VG.

A big White 3 yr. old ALMERSON ROCKMAN LESTER dtr.- fresh.

A fancy STONEYLAWN PACLAMAR LEPRECHAUN dtr. fresh. 2-00 361d 15,770m 4.0% 635f. Dam is VG CREEK-BLUFF ELEVATION dtr. Proj. to 19,665m 906f. Next Dam is VG 89 305d 21,160m 4.3% 914f with 3 records over 4.1%. Next Dam is VG 88 with 5 records over 4%.

A GP WARRHOLM MARQUIS CLEO dtr. 309d 18,300m 3.8% 699f (inc.). Bred to TRI-DAY VALIANT GOLD.

A fresh LAWCREST MARVIX-TWIN dtr. 2-00 332d 14,202m 4.5% 635f.

2 nice black 2 yr. old SUN VALLEY SENSATION NEIL dtrs. both fresh.

A big springing 2yr. old JOYLAND FOCASTER STARLIE dtr. Dam is GP with 305d 20,780m. Next dam is EX 90 305d 22,280m 3.8% 845. Lifetime 187,440m 3.9% 732f.

A 2 yr. old ARLINDA FOND MASTER dtr.- due before sale. Dam is VG 86 with 305d 21,180m 4.0% 845f. Next dam is GP 305d 22,930.

A nice Canadian SHORELEA CITATION dtr. due to AVC PRIDE ET.

A sharp black STONETOWN RENOWN dtr. due to A PINEHURST CHARGER ET.

A Big 2 yr. old CAVALIER dtr. fresh.

A 3 yr. old fresh ROYBROOK TEMPTATION-ET dtr.

A nice 3 yr. old Red and White MAPLELAWN CELTIC-RED-ET dtr. bred to GLENSTOR PIONEER ET-RED.

A VG ALMERSON EMPEROR LYNDON dtr. due to LANSFARM REVELATION.

An Extra nice ROYBROOK SENSATION dtr.- springing.

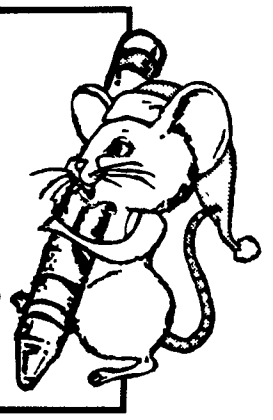
Purebred Red and White Bull Sire - WILEEDA CITATION R. Dam is GP records over 18,000. Next Dam is VG 87 305d 18,510m 4.4% 815f.

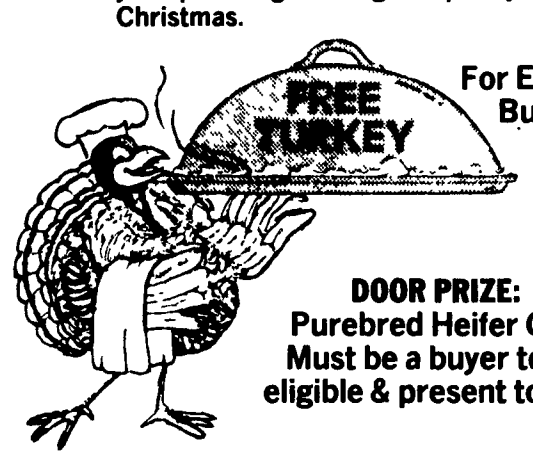
Special note- 10 PB Heifers picked from a top Wester PA. herd, all with Dams over 20,000 lbs. classified VG or better.

Many more nice purebreds - information not available for ad but will be cataloged for sale. Also several Purebred calves. 25 good grade cows from N.Y. State really milking.

DAIRYMEN - We have an exceptional group of cattle for this sale. Many are milking to 100 lbs. Some are classified with the potential to go Excellent. We've brought together the best possible cattle for our Special Christmas sale, so come early and make your selections from this fine group of cattle. We also wish to thank all of you for your patronage during the past year and to wish you a very Merry Christmas.

Come Early!
Enjoy a Delicious Christmas Turkey Dinner!
Buy a Cow
Receive a Free Turkey!
Win a PB Heifer Calf!
Free Transportation for Lanc. Co. Amish- Call: 717 569-2106 or 6800 before Thurs. 12/17 5:00 p.m.





For Everyone That Buys a Cow!!

DOOR PRIZE:
Purebred Heifer Calf
Must be a buyer to be eligible & present to win.

SALE MANAGERS:
Thomas & Mel Kolb

AUCTIONEER:
Robert C. Mullendore

PEDIGREES:
Henry Kettering

MD Farm:
11342 Creagerstown Rd.
Woodsboro, MD 21798
301-898-7663 or 898-7720

Merry Christmas

Ask Your Purina Farm Consultant

Q. "Well, Mr. Purina Farm Consultant, you recommend separating my dry cows from the milking cows. I don't have a dry cow area. Prove to me it would pay to build a dry cow building to house 10 dry cows. I have 85 Holsteins."

A. Let's make some assumptions: $10,000 building cost @ 12% for 2 years; veterinary expenses reduced $5/cow/year; rebreeding improvement of .25 services/conception @ $20/service; milk production up 600#/cow/year @ $11.00/cwt.

Reduced veterinary expense	$425
Reduced services per conception	$425
Milk production gain	$5610
Total return per year	$6460

Principal + interest = $12,400 dividend by $6,460/year = 1.9 years for this facility to pay for itself. (Not taken into consideration here are the costs of fat cow problems, poor fresh cow appetite, fewer headaches, etc.)

Q. "What are some of the key nutritional benefits of a balanced dry cow program, Mr. Purina Farm Consultant?"

A. The key nutritional benefits of a good dry cow program help that dry cow 1) replace the lost nutrients from the last lactation, 2) stockpile minerals, especially calcium and phosphorus; 3) rebuild alveoli numbers to make more milk next lactation; 4) make a healthy calf; 5) get in shape without getting fat; and 6) prevent calving disorders like milk fever and retained placentas.

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